

Spring 5-1-1981

## Volume 16- Issue 21- May 1, 1981

Rose Thorn Staff

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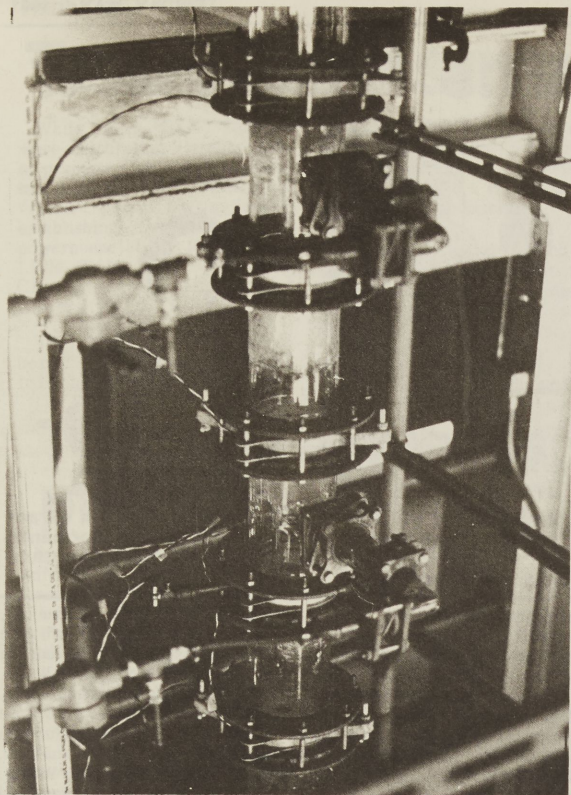
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The above distillation tower demonstrated the separation of methanol and dyed water and was part of the Chemical Engineering display at last weekend's Rose Show. The Chemical Engineering Department again carried off first prize in the show, and a check for fifty dollars. The ChemE's were hard pressed by the Electrical Engineering and Civil Engineering and Chemistry Departments which finished second and tied for third, respectively. Photo by Rick Anderson.

## Eight faculty members depart

by Jim Weber  
Staff Reporter

A total of eight members of the Rose Faculty will not be returning for the 1981-82 school year, according to information provided by Dean of Faculty Dr. James Eifert. Of those leaving, four have held their positions for three or more years. The remaining four served this year as visiting professors.

The Civil and Mechanical Engineering Department will have two positions vacated. Dr. Robert Howland Jr. has accepted a position at the University of Notre Dame where he will be conducting research while teaching statics and dynamics.

Howland expressed regret at leaving Rose, but stated that in the end it was the greater opportunities and facilities for research at Notre Dame that swayed him in the decision. Howland is a three year veteran of the faculty. Also, visiting faculty member George Batta will be leaving the department to obtain his doctorate.

The Math Department will also be losing two members. Dr. Charles Rennolet will be departing Rose after four years to accept a temporary position at the University of Minnesota. There he will be working primarily in research, more specifically, the applications of integral equations in certain areas of electrical engineering.

Rennolet explained that he is anxious to re-immers himself in high-level mathematical research and that this position will allow him to work in his field of expertise.

Mahmoud Kishta, a visiting professor, will also be leaving as Gary Sherman returns from sabbatical.

Dr. Gayle King will be departing after a four year tour of duty as Assistant Professor of chemistry. King is moving to an industrial research position offered by Bituminous Materials Co. in Terre Haute.

Sam Dupree, a three year faculty member, will be leaving to work for General Electric's

Space Systems Division at King of Prussia, Pennsylvania. Dupree will be doing satellite orbital determination while working towards his doctorate in astronomy. His long range plans are to someday return to the academic world in a teaching and research position.

Two visiting faculty will be departing the Department of Humanities and Social Sciences. John Gifford, who replaced Dr. Patrick Brophy during his sabbatical, will leave his post teaching psychology.

Steve Csik, visiting Professor of German may also be leaving. The sabbatical of Frau Lehr next year may change that situation, however.

Eifert expressed his high opinion of those faculty leaving and stated that their talents will not be easily replaced. He did, however, indicate that several very good replacements had already been recruited so that, in his mind, the quality of the faculty will not be diminished by the departures.

## the Rose Thorn

Vol. 16, No. 21

Rose-Hulman Institute of Technology

May 1, 1981

### SAB concert coming Sunday

by Craig Warner  
Staff Reporter

One of the most energetic bands in the area will be returning to Rose-Hulman for the fourth annual Outdoor Spring Concert.

The Late Show, a four member band from Indianapolis, will be performing on Sunday, May 3, from 2:00 p.m. to 5:00 p.m. on the lawn near the Observatory (west of Speed Hall).

Having performed at various colleges, clubs, and concerts throughout the Midwest, The Late Show is fast becoming one of the most

popular bands around the Indy area.

Their show includes songs by such groups as The Beatles, The Rolling Stones, Tom Petty and The Heartbreakers, Foghat, and numerous other artists, in addition to a driving selection of original music. The Late Show has just recently released their first album.

The Late Show last appeared at Rose-Hulman two years ago, when they were the warm-up band for roadmaster at the Spring concert. This year's Spring Concert is once again sponsored by the Student Activities Board.

by John McHugh  
Columnist

Today the news of on campus room assignments was released. The news, to say the least, is very grim.

There are presently 625 spaces available for people on campus and from this number 320 spaces must be reserved for next year's freshman class. This leaves 355 positions for upperclassmen on campus, and herein lies the problem.

At the time of this writing 361 of next year's upperclassmen have made deposits. This means that six of this year's juniors will not be placed on campus as everything stays as is.

It is reassuring to note that

these figures are very vague. The number of people who deposit is always larger than the number of people who go on to accept campus housing. Some people, in order to "reserve a room," deposit with almost no intention of living on campus.

This, in turn forces juniors, who would like to live on campus, into a no win situation. They must find an apartment or face the possibility of returning to school next fall with no place to live.

The end result is that people who wanted to live on campus must commit themselves over the summer. And people who have been assigned rooms renege before the deadline, July first, and after they have found an apartment.

Proposed solutions to the problem are relatively simple. The goal is to have only sincere applicants for on campus housing. This can be accomplished by first increasing the deposit so that borderline applicants will be persuaded not to "reserve a room." The second option is to move the deadline for refunds of housing deposits up to June or possibly even May.

This would force people who are in the process of looking for in town housing to expedite the situation and take the pressure off juniors who would like to live on campus.

According to Pete Gustafson, Director of Student Affairs, the housing deadline will remain unchanged this year but he predicts that it will be moved up next year. He went on to say that he doesn't expect the deposit amount to be raised for several years.

Gustafson also stated that he is confident that all sophomores that applied this year will be placed on campus. He based this on the belief that at least thirty of the applicants are merely "keeping their options open" and don't really intend to live on campus.

In the end, about September first, the waiting list will probably be almost empty and most of the people that wanted to be on campus will be on campus. But it would be so much easier on everyone involved if people would only apply when they definitely wanted to be on campus and didn't if they actually intend to live in town.

## Invitational tourney a success

by Mike Bigna  
Staff Reporter

The Rose-Hulman Varsity Golf team placed a close fourth among eleven other Division III and NAIA schools in the First Annual Rose-Hulman Invitational Golf tournament.

In this new yearly event, each entering college fields a five-man team to play the 18 holes at Hulman Links Golf Course twice (May 24 and 25). Coach Glenn Baca placed two teams in the tourney, with his first team edging out today's rival (Wabash) of fourth place by one stroke.

The R.H. No. 1 team consisted of Ron Knecht, Rob Haves, Tom Chorba, Gary Shake, and Terry LaGrange. Even the R.H. No. 2 team (Eric Lucas, Chris Romancznk, David Bramer, Terry Butcher Jeff Jackson) did well in finishing one stroke better than Illinois College, the only conference team that entered the tournament.

Olivet won in overall team totals scoring a low 646, followed by Hanover (665) and Illinois Wesleyan (680). The Engineers' fourth place team score was 692 with the next four places differing by only one to three strokes.

The first three finishers in the 36 hole team low ball scores were Hanover with a score of 135 and Olivet and Illinois Wesleyan tied for second and third with scores of 137. R.H. No. 1 placed 7th in that category scoring a 142

followed closely by R.H. No. 2 with a score of 145.

Keith Penoyer of Olivet won the individual championship with a score of 159.

Coach Baca was especially pleased with the performances

of Ron Knecht and Tom Chorba who scored a strong 165 and 168 (respectively) individually. Chorba also shot the lowest front nine of the tournament (a par 36).



Senior golfer Gary Shake chips the ball out of the sand during last weekend's Rose-Hulman Invitational Golf Tourney. The Engineer No. 1 team finished fourth in a strong field. Photo by Rick Anderson.

## Housing to be very tight

### Library under scrutiny

by Don Dodson  
Senior Reporter

Rose-Hulman's Academic Services Committee is seeking comment from students and faculty members on a proposed rearrangement of shelving in the Logan Library. The rearrangement would allow a 31 percent increase in shelving capacity without reducing the amount of seating.

The proposed floor plan is on display in the faculty lounge of the library. Those who don't know where the lounge is located may ask for directions at the circulation desk.

Under the plan, the number of double-faced shelving sections would increase from 201 to 265, while the amount of seating would remain constant. The current semi-circular shelving pattern would be abandoned in favor

of a straight-row shelving arrangement.

The plan calls for 10 rows of east-west shelving on the main floor, with four of the rows reserved for reference works. A few scholarly journals would be moved from the bound periodicals section to the reference section.

Third floor plans call for north-south shelving, with bound periodicals remaining at the east end of the floor. Three north-south rows of study carrels would break the shelving into four sections, with the objective of distributing shelving and seating evenly.

The plan was commissioned to allow continued growth in the library's collection. Past growth has resulted in cramped shelves, particularly in the bound periodicals section.



# Editorial Thorn

## Hall trial lacking

by John Sparks  
Editor

The program to integrate freshmen and upperclassmen on the same residence hall floor is ending its trial year in BSB and Mees halls. The experiment seems to have been neither deemed a success nor a failure by individuals qualified to make such a decision, as the status of integration remains the same next year in BSB and Mees. Overwhelming arguments by many label the experiment a failure. Yet the student body continues to negate all the reasons for opposition by their continual selection of BSB and Mees as their first choice of places to live.

The opposition argues that hall integration destroys freshman class unity. Indeed, it is hard to counteract this point after the experiences of this year. Traditional freshman strongholds such as intramural sports and the mattress piling contest have shown BSB and Mees to be apathetic. After a long history of success in mattress piling, BSB failed to even enter this year. Deming residents can also vouch for the lack of support Mees has given them in their quest for the IM sports championship.

Opponents argue that integrated floors make it harder for freshmen to adjust to college life. The all-in-this-together feeling is lost. This also may be true. Despite initial grade success, the freshman class is showing signs of an academic slump. Furthermore, sophomore advisor selection has shown there may be a lack of adjustment this year as many applicants did not seem tuned in to residence hall life. Deming and Speed dominated the SA selections, while Mees had none.

Opponents also argue that integrated halls destroy floor unity. Many of the same reasons as were used in the destruction of freshman class unity also apply here. Furthermore, residents who choose to remain on a freshman floor have most likely already formed their own clique. Many of these cliques prove to be apathetic and disinterested in floor and college events. These apathetic residents set an example for freshmen, undermining the effect of sophomore advisors. As a result, apathy due to a lack of floor unity is embedded early in the freshman mind.

Since students are positive on the program, it deserves another year. However, many students are also in favor of smoking marijuana in their rooms, proving student acceptance is not reason enough for policy change. Consequently, Housing needs to pay careful attention to the integrated hall developments next year to make a responsible decision on the future.

## "1776" earns fine review

by Kevin Brown  
Layout Editor

"1776" quoted as "America's Award Winning Musical" was thrice performed last weekend by the Rose Drama Club, and will be presented last weekend by the Rose Drama Club, and will be presented again tonight and tomorrow night at 8:00 p.m. in the auditorium. The play is based upon the efforts of an obnoxious and overbearing John Adams, portrayed by Bill Sutton, to get the Continental Congress to make the ultimate break from Great Britain with a formal Declaration of Independence.

Most members of the congress are disgusted with Adams' continuous radical push towards independence and continually reject him. Coupled with the sage, experienced Benjamin Franklin, played by Grant Bolling, the pair conspire to let someone else enter the formal legislation. The man chosen is Richard Henry Lee, a pompous, blue blooded Virginian played by Tom Cornell. Once introduced, the remainder of the play deals with the fight to ratify that legislation.

All parts are performed well, but special notes go to: Sophomore Grant Bolling and Freshman Vinny Mosconi for their excellent dramatic portrayals of Benjamin Franklin and John Dickinson; and



John Adams (Bill Sutton) and Benjamin Franklin (Grant Bolling) conspire for independence during the performance of "1776," a musical presented by the Rose Drama Club. Rick Anderson photo.

Freshman Chuck Moss, although in part of limited interpretation, presents a powerful baritone solo at the end of scene five.

Highest accolades must go to Bill Sutton, whose sterling portrayal of John Adams caps a magnificent four years on the Rose stage. Balancing Sutton, was the equally impressive performance by Freshman Alan Hippleheuser. This young man combines vocal talent with a dynamic intensity that is seldom seen on the college stage.

This play marks the last

performance for several seniors, whose contributions will be dearly missed. These include, in addition to Sutton, Dave Wasil, Tom Cornell and Bryan Weber, whose contributions will be dearly missed. These include, in addition to Sutton, Dave Wasil, Tom Cornell and Bryan Weber, whose contributions on stage and behind the scenes have been very important to the club. I would like to extend a special note of thanks to these people for casting onto this campus a ray of "light."

going to get on this album.

There is no one song that really stands out above the rest because there's nothing really very daring on the whole album. In this respect, "Arc of a Diver" has not escaped the rapidity that's so obvious on similar albums, but Winwood left nothing to chance. He wrote all the music, played all the instruments, produced, and engineered too.

If one has to commit one way or another, "While You See a Chance" and "Dust" are pretty safe bets, and "Night Train" gets good marks for its rhythm line. But there are no bad songs on the album.

On the whole, "Arc of a Diver" is a pretty safe bet, but don't expect Winwood to break new ground the way he did with "Traffic and Blind Faith."

## on the album A.J. Fossett front

Steve Winwood's "Arc of a Diver," on Island, is the first we've heard from him in a while. It appears Steve has been

enjoying his semi-retirement by slowly assembling an album of songs and taking the time to do it right.

The result is seven songs that can be "mellow" without that nauseating mellow feel to them. The songs are complex and well thought out, the lyrics are sharp, melodies shift back and forth, and the instrumentation has force. All this means that "Arc of a Diver" is a breed apart, especially since the hit single "While You See a Chance" is about all the more rock you're



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## The THORN

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# Track team strong second

While most Rose students were celebrating Parents' Day or preparing for Greek weekend last Saturday, the Rose Hulman track team was busy establishing itself as a track powerhouse at the 1981 Indiana Little State Track and Field Championship at Taylor University.

The Engineers were only bested by Division II school Indiana Central. Their 71 points

earned Rose a solid second. Butler, Vincennes, Wabash, Taylor, Manchester, Anderson, DePauw, and Huntington rounded out the top ten.

Junior Jay Cassady turned in the best individual performance by winning the long jump. Cassady's jump of 22'9" was nearly four inches better than his closest competitor. Cassady also took fifth in the 110 high hurdles

and third in the triple jump.

Howard Menser turned in a gutsy performance but was edged out by 0.02 seconds in the 100 meters. Menser settled for second. The 400 meter relay team also grabbed a second place finish.

Two Rose men scored in the 1500 meter. John Smith and Mike O'Brien finished third and fourth respectively. John Whitaker placed sixth at 10,000 meters.

Rose continued its strong showing in track events with Junior Tony Lenox taking fifth at 400 meters and John Smith turning in a second placing performance by taking fifth in the 800 meter.

Senior Ken Hilk turned the trick in the 3000 meter steeplechase by placing fifth. Junior Rex Philips got fourth in the 400 meter intermediate hurdles.

Shotputter John Singleton took fourth, while Gerard Tarantino got fourth in the discus.

The track team should be a clear favorite at the CAC Sports Festival later this month at Southwestern. Coach Bob Thompson did a fine job, and his track squad is an excellent representative of the Rose Hulman student body.



Kevin Chaffee takes a healthy cut at a pitch thrown by a Franklin College hurler in action last Saturday at Art Nehf field. Playing before a Parent's Day crowd, the Engineers split a doubleheader with Franklin, winning the opener 8-2, then dropping the finale by a close 9-7 count. The split put Rose-Hulman at 11-6 on the year. The Engineers play two games against tough Washington University today at home and are on the road versus Oakland City tomorrow.

# Tennis team loses; prepares for CAC

Rose-Hulman's tennis team suffered its first loss of the season last weekend at the hands of DePauw University. Rose and DePauw had tied for first place at the Little State Tournament last month, but DePauw came out ahead 7-2 in the head-to-head meeting on the Tigers' home courts.

Junior Keith Hightower was responsible for both of Rose's victories in the match. Hightower won his number five singles match, then teamed with sophomore Bill Solomon to win in doubles.

The match was closer than the score indicates, however, as three of the Engineers (freshman Cary Stokes, sophomore Greg Hulbert, and

freshman Brian Ramey), all went the entire three sets before losing their matches.

The loss brought the team's record to 8-1 on the season. It was also the first loss for senior Dave Boodt and for the doubles team of Stokes and Ramey.

The tennis team is now preparing for the CAC meet. The meet will be different than usual; it will consist of a tournament rather than a round-robin meeting as has been used in the past. The final match before conference is today against Washington University. Yesterday, the tennis team competed against Indiana Central University, both home matches.



## IM Sports Round-Up



by Brad Burton

Due to a rainy week, there is little to report in the world of Intramural sports. The big event of the week, the IM track meet, was rescheduled.

Hopefully the meet has been completed at the time of this printing, and will be highlighted in the next issue of the Thorn.

Also still in progress is Open League basketball, which entered their tournaments earlier this week.

There was a light schedule in IM softball. Almost complete standings are given below.

| MAJOR SOFTBALL |     |
|----------------|-----|
| LCA            | 3-1 |
| Sigma Nu       | 2-1 |
| Ind. No. 4     | 2-1 |
| ATO            | 1-2 |
| Fiji           | 0-3 |

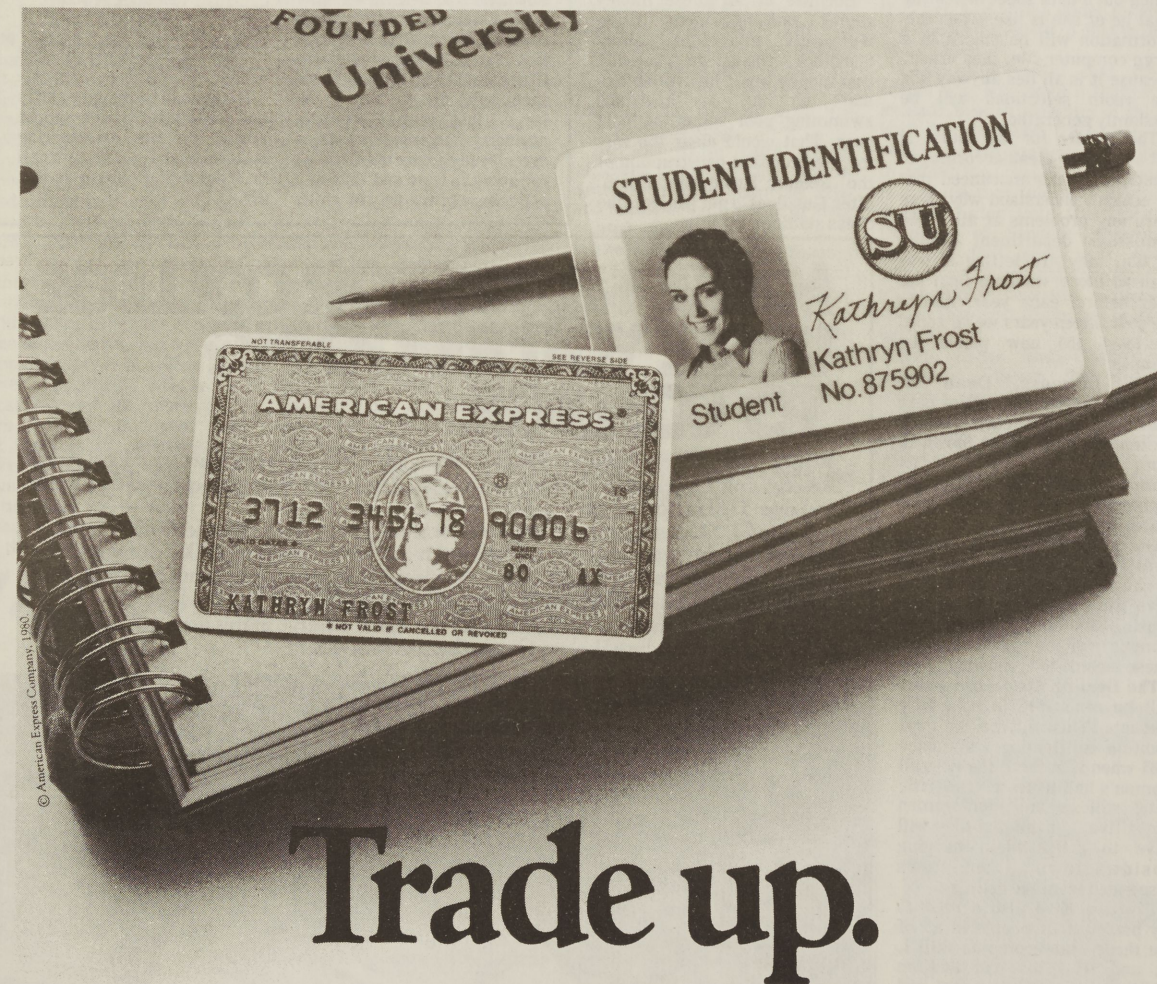
| MINOR A      |     |
|--------------|-----|
| Deming No. 2 | 2-0 |
| Speed 2A     | 2-0 |
| BSB No. 3    | 2-0 |
| Sharpenburg  | 1-1 |
| Ind. No. 9   | 0-1 |
| Ind. No. 8   | 0-1 |
| ATO No. 2    | 0-1 |
| LCA No. 3    | 0-2 |

| MINOR C     |     |
|-------------|-----|
| LCA No. 1   | 2-0 |
| Speed No. 3 | 1-0 |
| Ind. No. 1  | 1-0 |
| Faculty     | 1-1 |
| Sigma Nu    | 1-1 |
| Ind. No. 5  | 0-1 |
| Apt. B-2    | 0-1 |
| Theta Xi    | 0-2 |

| MINOR FAST PITCH |     |
|------------------|-----|
| ATO              | 3-0 |
| Deming No. 9     | 3-1 |
| Deming No. 3     | 3-1 |
| Triangle         | 2-3 |
| Sigma Nu         | 1-1 |
| RCF              | 0-2 |
| Sigma Nu Pledges | 0-3 |
| LCA              | 0-3 |

| MINOR B      |     |
|--------------|-----|
| Ind. No. 3   | 3-0 |
| Ind. No. 6   | 3-0 |
| Ind. No. 2   | 1-2 |
| BSB No. 2    | 1-2 |
| Ind. No. 7   | 1-2 |
| DSP          | 2-1 |
| Deming No. 6 | 0-3 |
| BSB No. 1    | 1-2 |

| MINOR D         |     |
|-----------------|-----|
| Deming Basement | 3-0 |
| LCA No. 2       | 3-0 |
| Printers        | 1-1 |
| Fiji Geke       | 1-1 |
| Fiji Meat       | 0-2 |
| ATO No. 1       | 1-2 |
| RCF No. 2       | 0-3 |



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# LCA captures trophy

by Alan Yarcusko  
Staff Reporter

History repeated itself last Sunday as Lambda Chi Alpha once again was victorious in Rose-Hulman's annual Greek Games.

Lambda Chi registered victories in the Cart Race, Canoe Race, Pyramid, and Obstacle Course. The only athletic event that the Lambda Chi's did not win was the Tug-of-War, which was dominated by a powerful Sigma Nu team after a hard-fought match.

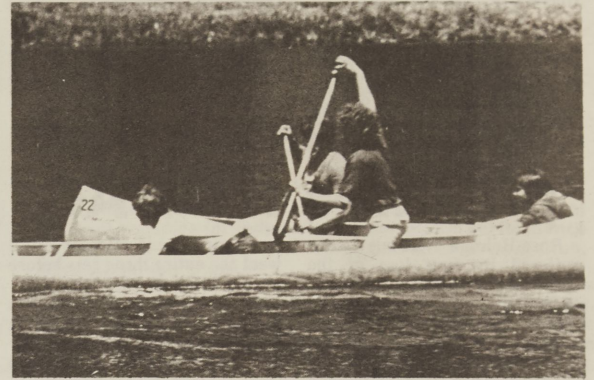
Since this is the third straight year that Lambda Chi has won the over-all trophy for Greek Weekend, the trophy will be permanently assigned to their chapter house.

In the non-athletic contests, Sigma Nu claimed a first place in the Jello Snarfing event, while Phi Gamma Delta was the winner of the Songfest for the second straight year.

This year's Greek Weekend was highlighted by a noticeable easing of tension among all the fraternities. Lee Warner, Inter-Fraternity Council (IFC) President, and Bruce Fleck, Greek Weekend Chairman, both commented that the new changes instituted by the IFC had a positive

effect on the entire day.

| FINAL STANDINGS  |    |
|------------------|----|
| Lambda Chi Alpha | 47 |
| Sigma Nu         | 31 |
| Alpha Tau Omega  | 29 |
| Phi Gamma Delta  | 21 |
| Delta Sigma Phi  | 11 |
| Triangle         | 9  |
| Theta Xi         | 7  |



## Page 5

### The more things change . . .

by Clair Voyant

In order to keep you abreast of the widest diversity of news stories and at the same time improve your mental attitude (lame as it may be after a year at Rose), Page 5 has scooped itself. While watching reruns of Dallas on my crystal ball I came across this story.

by Bill Chapel

Super Senior Reporter

**Terrible Hole, May 1, 2005.** UPS. Today the news of on campus room assignments was released. The news, to say the least, is very grim (that doesn't mean it's a fairy tale).

There are three reasons that housing is so tight. The first is due to the fact that the freshman class has been steadily growing since 1970. The second is due to the increase that occurred in 1995 when coed floors were initiated and then in 1999 the proverbial dam broke. The number of on campus housing requests actually exceeded the number of students enrolled at Rose when coed rooms were offered. (It is interesting to note that the Donna Gustofwind nursery was built nine months later). The housing load was unbearable. Oh loads.

In the light of this, ex-president Saymule Hulberp has stepped in from retirement to clear up the situation. The entire housing selection process has now been restructured starting with the elimination of the lottery system, i.e. the dart board in Matt Gustaposen's Director of Stupid Affairs, office.

The new preference system is as follows.

- 2) All students whose parents have made large donations to the school.
- 3) The recently intrpduced Biological Engineering majors who are working on the ideal roommate for a senior project.
- 4) Rest of incoming freshmen except CS majors (they live on the first floor of Capo anyway).
- 5) Sophomores, except SA's (Note: SA's were pushed off campus ten years ago).
- 6) Juniors, seniors and Salvation Army overflows.
- 7) Civils
- 8) There is no eight.
- 9) Chem E's.

Once you've made it on campus, the room assignments will be made a little differently this year. The old room assignment method, affectionately called "1250 pick-up," will be replaced with one modeled after computer dating. Each student will be asked to describe himself/herself by filling out a data sheet indicating what he or she is like. Then this information will be placed in a large computer file, then erased because it is all lies anyway and the room selections will be randomly generated.

The picture for the future is not altogether bleak according to Gustaposen who announced that he couldn't understand why there were any problems at all. "The admissions department assures us that they are letting in less than 20 more students than the year before, each year. And in the past fifteen years we've added at least 150 new places on campus."

Eric Lewcuss, Dean of Students, stated that all of next year's freshman class, which presently stands at 820 (down 15 from last year) will have on campus housing and almost 100 sophomores will be able to be placed in apartments.

Gustaposen stated that he and Tom Mildew, Director of housing and inservice education, have finished their plans for housing another 250 people on campus over the next five years. These include the following.

**The Deming Attic Attic** which will be renovated to hold fifty students. This will be the first addition to Deming Hall since 1985 when it became the first all women's hall at Rose. The Attic Attic will be built for women under five feet tall and they will have to sleep while hanging upside down from bars suspended from the ceiling.

The two have also agreed to try putting four people in all of the three man rooms on BSB I, II, and III. This will add an additional ninety spaces and doesn't include the larger rooms in the basement that will hold eight, or the three men living in the WRRS studio (now nearing completion).

Another area to be utilized is the roofs of Mees, Scraperburg,

and Slumberg. The people on the fifth floors will live in tents and will have air conditioning supplied through holes in the roof. The rooms with fifteen-level bunks, in the center of these halls, will remain unchanged.

The final improvements will be the football players' housing.

Because of all these money saving housing ideas Rose-Hulman's president, Doug Gundlock, announced Thursday that money would be available to start on the Jay Sunnyland swimming pool sometime next year. That would clear the way for the proposed construction of the Senior Residence Dorm, after Gundlock's pet project, the chess stadium, is built.

## O' club to host meet

The final event of the school year for the Rose Orienteering Club will be to host the Indiana State Orienteering Championships. The meet is this weekend and will be held at Yellowwood State Forest (10 miles east of Bloomington) on Saturday, and at Owen-Putnam State Forest (near Cataract) on Sunday.

This is the first meet which the club has hosted since last year's Intercollegiate Championships. Although this meet will not be nearly as large (last year 380 people attended the meet) entries are already expected from as far away as Ohio and Kansas.

Because of the way in which

eligibility was determined, everyone from Rose is eligible to claim the Indiana Championship whether or not they are from Indiana. The only requirement is to have spent most of the last 12 months in Indiana.

Several different courses will be available for experience levels from beginner to advanced. There will also be several categories for different age groups and sexes.

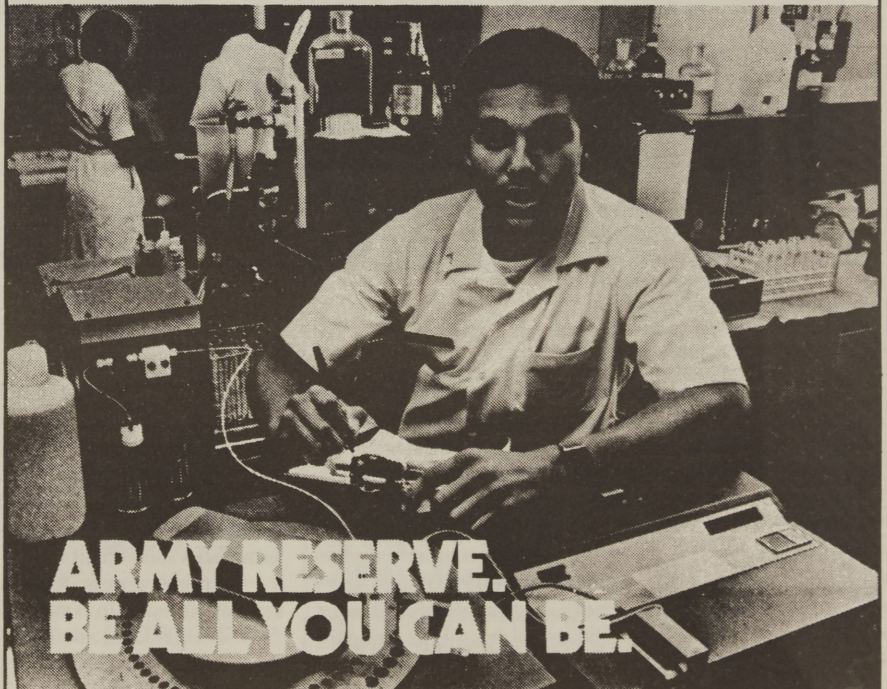
Directions to the meet sites and more information will be posted on the orienteering bulletin board in the main hall or from Jeff Baldwin at Box 875.

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## Co-ed and co-op to be reviewed by Board

by John Sparks  
Editor

Co-education and co-op programs with industry will be the major topics of discussions according to President Hulbert when the Board of Managers meets on May 22.

The spring meeting is required by Institute bylaws to approve faculty recommendations for degrees. Historically, the Board has always approved all members of the graduating class.

Other topics will be presented, however. Besides co-education and co-op programs, the Board is also expected to act on faculty promotion and tenure, tuition increases for 1982-83, summer improvement projects, and curriculum revisions.

The co-education presen-

tation was requested by the Board in their February meeting. On their request, the 1977 co-education report was updated.

The updated report, submitted by Pete Gustafson, Dr. Irvin Hooper, Dr. Dale Oexmann, Joe Touchton, and Dr. John Ying, highlights the latest cost of a switch to co-education, and the interest by women in engineering.

Costs are reported to be relatively the same as in 1977, taking into account inflation. Major one-time expenses include restrooms and a recreation center, while yearly expenses would include expansion of the Dean of Students' office and additional campus security.

The Report also indicates women are indeed interested in

engineering educations. Enrollment of women at competitive engineering schools has markedly increased since 1977, and most schools now have a female freshmen enrollment at around fifteen percent of the entire class.

The report was mailed to Board members this week, and a final vote may take place on the 22nd.

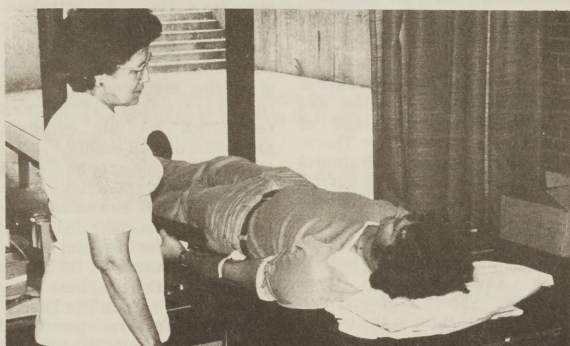
Co-op programs will also command a large share of attention. A formalized summer program at Rose would hopefully increase the availability of summer jobs for students.

Updating the faculty promotion and tenure system at Rose has been studied by two separate committees for over a year. The results are expected

to be approved by the faculty before the meeting of the Board. The Board would then vote on final approval.

A tuition increase of about \$600 will be considered for the 1982-83 academic year. A list of 33 summer improvements projects will be prioritized, with about two-thirds receiving approval for action. At the top of the list is expected to be increased parking, a new fieldhouse roof, and air conditioning for the chemical stockrooms and chemical engineering areas.

Finally, curriculum changes such as the offering of Spanish and Japanese in the HSLS Department, a Biomedical option within EE, a Petroleum option within ChE, and an Industrial option within ME will be considered.



## Deming tops donors

by Dave Franke  
Staff Reporter

110 pints of blood were collected April 29 for the RHA-IFC-APO Blood Drive falling far short of the goal of 200 pints. Donna Gustafson, Director of Student Union and Student Activities believed the small turnout was due to having three blood drives instead of only two drives as has been done in past years. Also responsible to a small extent was President Hulbert's speech which emptied the gameroom.

This years collection from all three blood drives was 436 pints compared to last years two drives totalling 332 pints. Because over 100 more pints were collected this year than last there is a possibility that there will again be three blood drives next year if it is felt that participation will be higher.

The \$50.00 prize money, given to the floor(s) or fraternity

having the highest percentage of people wishing to donate, went to Deming 3 with 21 out of 28 people. Triangle Fraternity had the second highest percentage with 26 out of 37 wishing to donate. Deming 3 also won the blood drive last quarter for the prize of free admission to the movie "10."

The following people are deserving of appreciation for their help in making the spring blood drive successful — the Gustafsons for their advice, co-chairman Glen Kuper, the RHA committee for their manpower and financial support, the IFC committee which donated typists and money, the APO committee for the food servers they supplied, the faculty wives who baked cookies, ARA which supplied orange juice at no charge, and most of all the donors who sacrificed their time for this worthy cause. Once again, thanks for your support.

## VAX computer system added

by David Slavin  
Staff Reporter

The Computing Center received the new computer system, a VAX 11/780 on Tuesday, March 28. The VAX system includes the general computer, along with a floating point processor, two megabytes of semiconductor memory, two RMO5 disk drives capable of handling 500,000 blocks each, and a TU77 tape drive, all at a cost of \$480,000. The VAX system required about five days to install.

The system will be tested and loaded with the required software, some written by Rose students, over the summer break. The VAX should be ready for student use by next September. The VAX will then be handling all Fortran and Pascal programming, with the 11/70 handling BASIC and APL.

According to Larry Alldredge, the VAX system manager, the VAX has almost intimate memory compared to the 11/70. Its larger memory will allow the VAX to handle more powerful Fortran

and Pascal compilers. New and more versatile versions of such packages as ECAP and CSMP will also be added to the VAX.

Chemical and Civil Engineers will find finite element analysis much quicker as overlaid programming will no longer be required. Whether the expanded memory and accessibility of the computer system will lead to a greater leniency on the Center's part is yet unknown, but the ever increasing computer needs of the Rose community will certainly be met by the new system.

## 25 seniors earn Honor Keys

by Don Dodson  
Senior Reporter

Fifteen seniors were recognized as Honor Key winners at the spring honors convocation April 21. The recipients, plus the ten current seniors who were presented keys at the end of their junior year, account for a total of 25 Honor Key recipients in the Class of 1981.

The winners have participated, and in most cases have taken leadership roles, in dozens of different groups on campus, including student government, service organizations, professional organizations, honoraries, and

varsity sports. Many have been involved in Drama Club, Band, Glee Club, WRTR, Debate, Orienteering Club, Rifle Club, the Thorn, the Modulus or Camera Club.

Seniors receiving keys this year were Randal J. Braker, Robert L. Brandel, David B. Forbes, Kevin A. Giles, Stephen H. Jenison, Steve Kennedy, L. Scott Lindner and Fred McGurk.

Also, Mark Potter, James A. Renfro, John Sparks, Ed Spyhalski, William R. Sutton, George M. Tackett, and Bryan Weber.

They join previous Class of '81 recipients: Mark J. Bates, David Boodt, Alan Fiscus, Joe Gaines,

James Gryga, Will Hentzen, Ken Hilk, Peter Kehoe, Kendal Smith and David Wasil.

Sophomores and juniors who have earned Honor Keys are Sam Christie, Doug Gundlach, John Marum, John McHugh, Steve Shuman, and Alan Yarcusko.

Honor keys are given on the basis of a point system which awards credit to membership and leadership in campus organizations. To be eligible for a key, a student must earn either 50 points in one academic year or 100 points during his stay at Rose.

# the Rose Thorn

Vol. 16, No. 22

Rose-Hulman Institute of Technology

May 8, 1981

## Drug raid nets suspects

by John McHugh  
Columnist

On the night of April 27 and the morning of April 28, between 9 p.m. and 1 a.m., State Police in conjunction with the Vigo County Sheriff's department and the Terre Haute City Police entered one room in Blumberg and one room in BSB for the purpose of investigating possible drug use and drug trafficking.

At the same time school officials, unaided by police, entered another room in BSB and seized several items of drug related contraband.

The raids came after months of investigation into suspected drug dealings on campus. These investigations were accompanied by weeks of debate over the options open to the school by the administration.

Jess Lucas, Dean of Students, stated that this was not a spur of the moment operation and that most of the individuals who were involved had been watched for quite a long time.

When asked why the police were brought in, Lucas replied that he had strong reason to

believe drugs were being moved both on campus and in town by some of the Rose student body. Because they were possibly dealing in town, Lucas felt that the course of action under taken was the best method to deal with the problem.

Lucas also stated that the school will now have a tougher attitude toward violators of this kind. He continued, "We have a policy and we don't want people to get the idea that Rose-Hulman is a place that tolerates illegal drugs." Later Pete Gustafson, Director of Student Affairs, reported that next year the school's officials will be much more willing to enter a room where they feel drugs are being hidden.

Both Lucas and Gustafson expressed concern that some students may feel they have a sanctuary for illegal activities in their room. It must be realized that the school and the student share the responsibility for

activities that occur on campus.

Lucas also expressed a great deal of concern for the futures of the students who were involved. He hoped that all those who were dismissed would be able to recover and still realize their full potential; which may otherwise be in jeopardy.

At a meeting of the entire student body, faculty, and staff, held Wednesday, April 29, President Hulbert informed the school of the incident that had occurred two nights before. Hulbert stressed the school's commitment to fighting drug abuse, alcohol abuse, vandalism, and anything else that would degrade the name and standards of the institution.

At the present time four students are on permanent suspension and six others have been put on disciplinary probation with no suspension. One more was given a warning by the school in regards to his actions that night.



## Blevins ends SAB season

by Craig Warner  
Staff Reporter

Don't just listen to the music - feel it!

Tonight, Coffeehouse singer Jacquie Blevins will be performing her extraordinary style of music at 8:00 p.m. in the WORX.

An energetic, self-styled performer, Jacquie Blevins' musical accomplishments are portrayed through her talents on guitar, dulcimer, flute, and a variety of such uncommon instruments as the penny whistle; but her truly outstanding quality is her

voice, which covers a "dynamic range from the subtleness of a soft breeze to the unrestrained fury of a hurricane," while still remaining mellow and fresh.

Jacquie Blevins sums up her easy-going stage manner by saying, "I try to put my whole self into my music when I play - get all theatrical and crazy. I listen to the words. But to me, that's what music is all about - to tell that story, evoke that emotion, describe that feeling we all have had but couldn't find the words for."



# EDITORIAL

## Executives shine

by John Sparks Editor

Awards ceremonies are numerous this time of year as organizations and Rose-Hulman administration recognize outstanding contribution and achievement. Invariably, though, one group of deserved recipients is left out. These individuals are those usually handing out the most awards, thanking the most people, and getting the least recognition from the student body. And it is these people who truly deserve awards for their outstanding service to the student body.

The following list is far from complete. Virtually every faculty, administration, and staff member deserves mention yet space would not allow it. And many on the list are there in part because of exceptional people working for them. Sonnie Hill, Secretary to the Director of Corporate Relations and Placement, is one such link that makes her department excel.

At the top of the list has to be President Hulbert. Hulbert has piloted the Institution through some rough years. His confidence and enthusiasm, however, has kept many from realizing the seriousness of the problems he has faced and the work done in conquering them. Hulbert's dedication and general outlook on life can serve as a most positive role model for the entire student body.

Another positive role model is Senior Vice President Herman Moench. Moench offers the Institute a consistency and stabilization that is greatly appreciated. Although Moench was justly honored last spring, every year is indeed the Year of the HAM.

Duncan Murdoch, Dean of Admissions, receives a lot of good-natured ribbing from students once his idyllic previews of the Institute are replaced by the harsh realities of all-night term papers and first hour classes. Yet Murdoch is also the person responsible for assembling a student body so impressive each year that the Rose-Hulman reputation is increasingly enhanced.

Ron Reeves, Vice President for Development and Public Affairs, is one of the people behind the scenes as far as the student body is concerned. Reeves, however, pours much time into soliciting the funds which keep Rose-Hulman an excellent place to obtain an undergraduate degree.

Reeves is fortunate to be backed up by quality people like Bill Sisson, Director of Corporate Relations and Placement, and Kent Harris, Director of Information Services. Sisson's role as an administrator who gives his all for each student is best appreciated senior year.

Dr. Jess Lucas, Vice President for Student Affairs and Dean of Students, deserves a special award for his excellent service in a difficult area which oftentimes makes him the bad guy in a discipline case.

Aiding Lucas are the outstanding duo of Pete Gustafson, Assistant Dean of Students, and Donna Gustafson, Director of Student Union and Student Activities. The Gustafsons simply provide the best campus life atmosphere ever enjoyed at Rose-Hulman through their dedication and interaction with the student body.

Ray Miller, Vice President for Administration and Finance, is another man behind the scenes worthy of commendation.

Finally, Dr. Tom Mason, HSLS Division Chairman, Dr. Calvin Dyer, Special Assistant to the President, and Dr. Peter Parshall deserve credit for making the Humanities Department at Rose-Hulman a true asset in the overall education received here.

## Letter to the Editor pans rerun tests

In the three years that I have been at Rose, I have taken many tests. The tests that have discouraged me the most are not the ones that I did the poorest on, but they were usually the ones that I had studied the hardest for. After many tests I'd be walking out of the room and I'd hear the people behind me saying, "That was an easy test. It was exactly like last year's."

A class that is taught by any instructor who tests in this manner is not testing knowledge of the course, but is testing file

utilization. Rose is a competitive school and job searching is often a game of high GPA's. It is hard to compete with a person who starts with a distinct advantage.

The faculty owes every student a fair chance to compete with his classmates and at the same time not contribute to grade inflation.

Most instructors make an attempt to change test questions. One instructor never lets students take the test home which eliminates a file for that instructor. This is not the best solution, but it is fair.

One student felt that he would rather have a teacher test on something that was never discussed in class or in the book in order to set everybody on the same level. Sadly, this is true.

Skip Lewandowski

## The editor's parting comments

by Peter Kehoe  
Managing Editor

After four years at Rose, the natural question is, "Was it worth it?" Despite what some seniors may say, most would agree that it was. While maybe not the best education in the country, Rose surely ranks among the best.

But what Rose has over most schools is its commitment toward preparing students to enter the business world. The

## 1980-81 Thorn among best Staff made it easy

by John Sparks  
Editor

With this issue, the Thorn closes up shop for the academic year. It was a successful year as The Thorn showed consistency of quality and format which made the weekly arrival of the newspaper like a visit with a good friend.

It is to the staff and the long hours put into their contributions each week that the credit for the above successes must be delivered.

Peter Kehoe did an outstanding job as Managing Editor. Not only were the myriad of small details of publication kept well organized by Pete, but he was also more than willing to fill last-minute gaps each week.

Sports Editor Randy Braker is responsible for the widest and most analytical coverage of sports ever seen in The Thorn. And Brad Burton, Intramural Sports Editor helped the overall strength of sports with his excellent IM Sports column.

The Thorn can also boast of the best photographic staff ever in Rick Anderson and Bryan Wallace. Their photographs were instrumental in the overall pleasing appearance of the layout. Steve Shuman also chipped in with some photos.

Newcomers John McHugh and John Marum put the spirit back into Page 2 with their weekly column. The enthusiasm they showed carried The Thorn through spring when many were busy with other activities.

Layout Editor Kevin Bowen was victimized by a shortage of editor titles in the SGA Honor Key system and actually performed more like a co-editor in many weeks. His results on

In a sport, the most vital person on a team is not a star athlete, but rather the coach: the one who takes individual talents and organizes them into a single direct action.

In the sport of journalism, this single important person is in the form of an editor. On The Thorn this past year, we have been extremely fortunate to have the services of John Sparks in that key position.

There are countless extra

Page 4 have been superior to anything before.

Senior Reporter Don Dodson could always be counted on to come through with an accurate and interesting story on any topic. A. J. Fossett also added interest with his album reviews, and Bill Chappell kept Page 1 looking fine.

Copy Editor Dave DelToro joined in mid-year and performed admirably in one of the less glamorous jobs. John Egleston contributed with his handsome graphics.

Veteran staffers Alan Yarcusko, David Slavin, Dale Arand, Rod Braun, and Jim Weber provided the meat of many issues. Nevertheless, newcomers Craig Warner, Greg Swinehart, Doug Gundlach, and Dave Franke carried their load of writing assignments. Warner in particular deserves recognition for his excellent promotion of SAB events.

Sports reporters Kim Borgman, Rob Schmidlin, Jim Gryga, and Bill Browning were irreplaceable in their dedication to quality reporting. But it was Don Corson who stole the sports spotlight with the best play analysis ever seen in The Thorn.

Sam Christie provided financial responsibility and kept The Thorn within its meager SGA allotted budget. Bobbi Coldwell and Mike Bigna also made a contribution with their typing skills.

Most importantly, it was Kent Harris who provided the guidance and effort to see the year through. Harris is the ideal faculty advisor: not overbearing in direction, yet always willing to spend the time asked of him and ready to offer constructive criticism when a mistake is made.

duties, some important, others almost trivial, which all must be performed well for the Thorn to be published. The majority of these fall upon the shoulders of the editor, who this year has resolved them in such a quiet and efficient manner that few ever realized they existed.

For all that you have done, we would simply like to say — thanks.

The Staff

## The THORN

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# Track team dominates Invitational

**by Rob Schmidlin  
Sports Reporter**  
Last Saturday, the Rose-Hulman track squad coasted to a first place finish in the DePauw Invitational before traveling to Southwestern at Memphis for the C.A.C. Spring Sports Festival. The Engineers ran up 213 points.

DePauw Scored 162 points for second, Washington scored 90 points for third, followed by Principia, Wabash, and Maryville with scores of 73, 32, and 8 points (respectively).  
**In the field events,** Rose proved to be very strong. Dave Barnes finished fifth in the

javelin with a toss of 162 feet. John Singleton took firsts in the shot put (51' 3") and in the discus (142' 5"). Al Fiscus placed fifth in the shot put (44' 2") and sixth in the discus (123' 6"). Mike Mazur also finished third in the discus (138' 6").

**Junior Jay Cassady** took first in the long jump with a fine jump of 22' 10", while Tom Pendergast placed fourth with a 20' 7.5" jump. Brad Zike won the high jump with a 6' 4" jump while Terry Martin placed fifth in the event with a 6' 0" effort.

In the 10,000 m run, Dave Womble and Scott Fennell were first and second with times of 33:14.47 and 34:03.43, respectively. The 400 m relay team of Cassady, Phillips, Lenox, and Menser ran the distance in 42.94 seconds for a first place finish.

**Ken Hilk** finished third in the 3000 m steeplechase with a time of 9:36.15 which is a new school record. Sophomore Mike O'Brien took seconds in the 1500 m (3:59.49) and in the 5000 m (15:12.74). Junior Tony Lenox took firsts in the 400 m (49.98) and in the 200 m (22.32) races.

Also giving Rose a 1-2-3 sweep in the 200 m were Menser (22.65) and Cassady (22.90). In the 400 m I.H., Rex Phillips crossed the line in 55.88 seconds for a first place finish.



Rose catcher Mike Trench gets set to make a play at the plate as the ball is thrown in from the field. Photo by Bryan Wallace.

# Baseballers look to C.A.C.

**by Don Corson  
Sports Reporter**  
The Rose-Hulman baseball team split three doubleheaders last week with Washington University (5-6 and 5-2), Oakland City College (4-1 and 0-4), and DePauw (15-1 and 2-14) to move to 14-9 on the year.

Rose lost the first game to Washington Friday 6-5, despite a three for three performance by Keith Oehlman. In the second game, Oehlman capped a perfect five for five day with two doubles and three runs batted in as Rose won 5-2.

At Oakland City on Saturday, Oehlman starred again, pitching a 4-1 complete game victory in the first contest. In the second game, though, Andy Meyer and Kent Cutler collected the only two Engineer hits and Rose was shut out 4-0.

Rose concludes its season this weekend at the C.A.C. tournament hosted this year by Southwestern at Memphis.

The Engineers hope to make

up for a somewhat disappointing season by finishing strong in Conference play. A good showing by the baseball team could be Rose-Hulman's key to the C.A.C. all-sports championship.

# Tennis team finishes 9-2

**by Bill Browning  
Staff Reporter**

The Rose-Hulman tennis team finished their regular season over the weekend to post a fine 9-2 record. After having lost to a tough DePauw team, the Engineers bounced back to defeat Indiana Central 9-0. Going into their last match against Washington University at 0-1, the team had already acquired a high level of respectability and one of the best records in the school's history.

Things didn't go as well for the team however as they lost their finale 6-3. Freshman Brian Ramey was the lone singles winner, but Senior captain Dave

Boott and Greg Hulbert playing number two doubles, and Keith Hightower/Bill Solomon playing number three doubles, won to tie the team their three points.

The Engineers left Wednesday for the C.A.C. spring sports festival at Southwestern University in Memphis and will hopefully continue their high caliber of play. With a win in tennis, Rose would just about lock up the C.A.C. sports trophy.

A CAC Conference championship by the tennis team would be a fitting finale for the squad. The team is easily the best in recent history, proving itself with a tie for first with DePauw at the Little State Tourney.

# IM Sports Round-Up

**by Brad Burton**

With few days remaining on the IM Sports calendar, the action has been fast and furious. On the forefront, after postponement due to rain, was the IM track meet. Several good team and individual performances were turned in. Team finishes and individual winners are listed in this column.

| TEAM STANDINGS |    |
|----------------|----|
| LCA            | 39 |
| Decon          | 26 |
| Sigma Nu       | 25 |
| Deming         | 13 |
| Ind.           | 3  |

Also in the spotlight is Open Basketball. This year's champions of the highly competitive Major division tournament is the team captained by Bob Lenich. Lenich's team, led throughout the year by Scott Williams, Keith Kenp and Jeff Chandler, finished the season at 10-1. The winners defeated a team paced by varsity stand-outs Ron Dale and Jim Baske by a 94-83 count to take the title.

Softball is still in progress, check the bulletin board for final results.!

| SHOT PUT       |          | LONG JUMP     |          |
|----------------|----------|---------------|----------|
| Chris Park     | Deming   | Brad Elliot   | Speed    |
| John Smith     | Sigma Nu | Greg Holthaus | Decon    |
| Ralph Anderson | Deming   | Ken Rohman    | Sigma Nu |
| Fred Beerwart  | BSB      | Jim Krieg     | Sigma Nu |

| HIGH JUMP     |          | 880-STEEPLE   |          |
|---------------|----------|---------------|----------|
| Ken Carpenter | LCA      | Paul Gunn     | Sigma Nu |
| Brian Fabel   | LCA      | Eric Vettters | Ind.     |
| Fred Beerwart | BSB      | Bob Gollon    | Decon    |
| Ken Rohman    | Sigma Nu | Dave Elmer    | Deming   |

| 330-RUN       |          | 120-LOW HURDLES    |          |
|---------------|----------|--------------------|----------|
| Greg Holthaus | Decon    | Brad Elliot        | Speed    |
| Joe Hutson    | LCA      | Jim Krieg          | Sigma Nu |
| Jim Krieg     | Sigma Nu | Mark Renholzberger | Decon    |
| Brad Smith    | Sigma Nu | Brad Smith         | Sigma Nu |

| 100-DASH        |       | 660-DASH      |          |
|-----------------|-------|---------------|----------|
| Brad Elliot     | LCA   | Rick Miles    | LCA      |
| Dave Jobe       | Decon | Greg Holthaus | Decon    |
| Stuart Marcadis | LCA   | Primal Guy    | LCA      |
| Amahl Brown     | Decon | Dan Swanson   | Sigma Nu |

| MILE RUN   |          | SPRINT MEDLEY |  |
|------------|----------|---------------|--|
| Dave Elmer | Deming   | Lambda Chi    |  |
| Paul Gunn  | Sigma Nu | Sigma Nu      |  |
| Bob Gollon | Decon    | Decon         |  |
| Jeff Wolfe | Decon    | Sharpenberg   |  |



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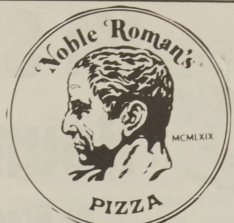
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## Page 5

# Seniors take final stab

by Ann Editorial

In keeping with tradition and the spirit of the last issue of the year, everyone is going out of their way to bend over backwards to pat themselves on the back (see page 1, see editorial, see previous page, see Dick run, etc.). But we won't go out of our way: Page 5 would like to take another stab (in the back) at it.

We'd like to say that collectively this has been one of the finest senior classes ever, but we can't. While the seniors have had their moments, such as beating Hangover in the NCAA tiddly-wink competition, they have been, on the whole, dubious.

Athletically, Rose has had a successful fall season with honors going to its sturdy gridiron team. Fortunately, they played against football teams rather than other gridiron teams, cleverly outsmarting them and capturing the coveted conference spittoon. Scott Lindberg, team captain, deserves special attention for his outstanding performance which was highlighted by the million-in-one-shot "bait and switch" play used against the Wabash Cannonballs. Well, maybe if he tries it another 999,999 times...

This year's track squad flaunted their stuff in front of

record crowds. Attendance more than tripled over last year when three B & G workers accidentally locked themselves in the announcer's booth during a meet.

In basketball, the Engineers dribbled their way into the semi-finals only to once again snatch defeat from the jaws of victory. Dale Ronn and Senior Environmental Jim Basket earned their keep throughout almost part of the season with the kind of stuffing that turkeys are filled with.

The drama club and R.H.A. did the school the greatest favor and remained obscure most of the year. Special thanks go to Bill Button and Dave Weasel, who made four long years seem like fifty, and Ed Haspalski (the chief focuser at RHA's weakly movies).

The SAB gave us Senior Steve Kennelfee who, as a matter of fact, is in line for the "most likely to be repeated once every two years" award for his rendition of homecoming.

We at Page 5 can't imagine what this year would have been like without Penzoil Smith, ex-SGA president and mid-day cowboy. Smith seems to have wrapped up the nomination (by default once again) for fashion plate of the year award, as he is

very deserving. Wearing such designer fashions as Fall in West Terre Haute to the memorable Spring in Munster collection he will have no trouble winning. His accomplishments as SGA president include increasing the number of freshman representatives from one to two, doubling the number of times the SGA meets from two to four, and rendering all of the Stupid Government Committee non-functional.

Academically, this year's Senior Class had a number of surprises. Mole Call took 2003rd place in the nation in the Podunk exam — a series of questions used to determine one's excavating expertise. The "Two Point Award," honoring the graduating senior with the lowest GPA went, again this year, to the Chem E's. They must be complimented for their efficiency. We would also like to mention all those seniors who made it into Pi Mu Epsilon, but since this is only a four page issue we don't have enough space.

Keeping Dunkin' Snowdock in mind, we dug up some revealing statistics on the class of '81. The seniors had the largest total job offers ever, averaging at around five per graduate. Not surprisingly, this coincided with the opening of the Hardy's, Mac's, Sambo's, Burger King and Pizza Hut in downtown Terre Haute.

Class of '81 also had a good showing for the total number of class hours enrolled. They came in a close second to the record holder Chris Mac.

Starting salaries for the class of '81 averaged a record high of \$60,000 per graduate. Snowdock has lamely denied that this huge figure has anything to do with graduating senior Ian McToogle's winning of the \$10 million Irish Sweepstakes.

Finally, we would like to apologize to anyone we might have offended over the year, but we won't. Our goal is to bring some humor to the school and we felt we've done that. If you find it hard to laugh at yourself, get a mirror.

## Requests for funds from SGA inflated

Earlier this week, final decisions were made for SGA Budget allocations to the various school organizations. Although most organizations requested virtually the same funding as for this year, there were a few notable exceptions.

The Modulus requested an additional \$7,000 above their current \$10,000. Orienteering Club requested \$3150 in contrast to a meager \$1380 this year. WRRS requested \$6850 over twice their current allotment.

The Weightlifting Club, just organized this year, made its first formal request for \$500. The Thorn requested an additional \$800 in an effort to bring school support to equal half of the newspaper's expenses.

Despite inflation, several clubs, including camera club, debate team, drama club, glee club, radio club, and rifle club requested equal or less amounts.

The increased requests were clearly noted in examination of total yearly allotments. This year, the SGA budgeted \$43,340 to the organizations. Requests for next year total \$63,506. This is a nearly fifty percent overall increase in requests, in contrast to even an inflation rate which is much less.

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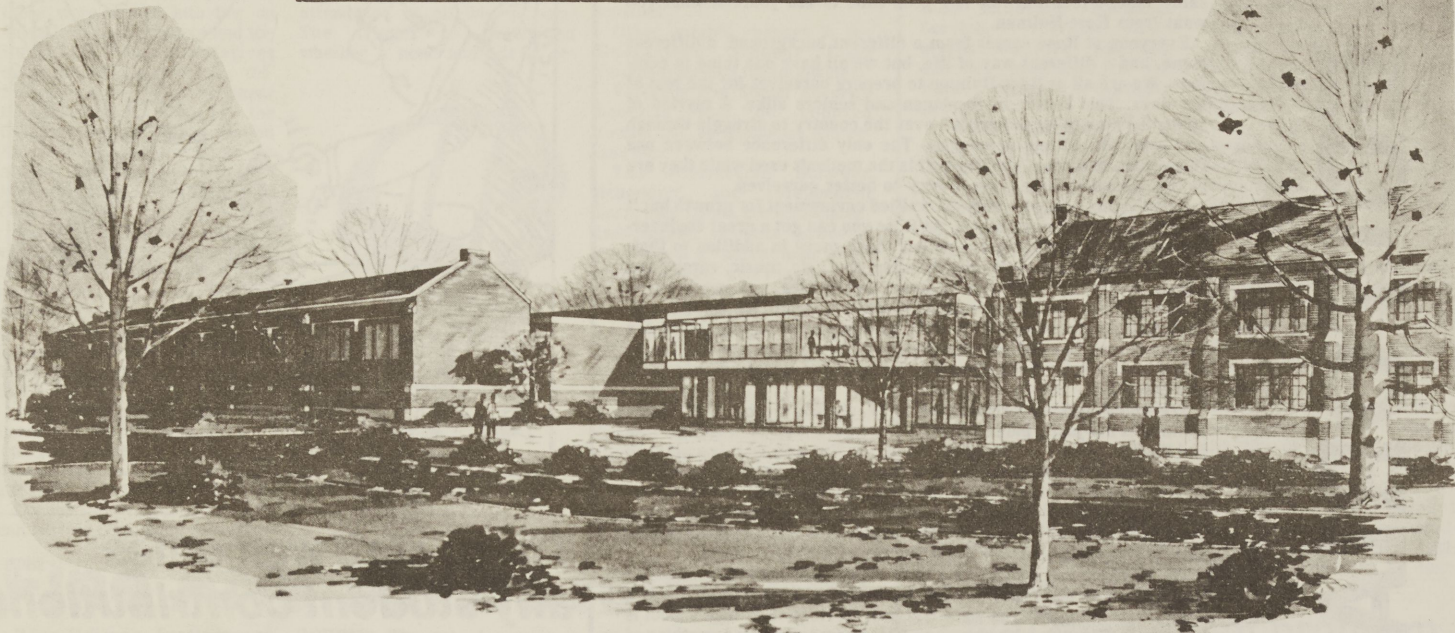


# the Rose Thorn

Vol. 17, No. 1

Rose-Hulman Institute of Technology

September 11, 1981



## Rose-Hulman recipient of Olin Grant

The Olin Foundation, Inc., of New York has awarded Rose-Hulman a grant for the construction of a much-needed classroom/laboratory building to be sited west of the front portion of Moench Hall.

Announcement was made by Rose-Hulman President Samuel F. Hulbert and the trustees of the Olin Foundation, Tuesday, September 8, as formal contracts for the grant were signed by officers of Rose-Hulman and the foundation.

The grant — largest ever received by the Institute for capital expansion — provides for the construction, fixed equipment and furnishing for the 65,000 square-foot structure which will house chemical engineering, civil engineering and life science classrooms and laboratories.

"We are very honored to have been selected by the Olin Foundation for this grant," Dr. Hulbert said. "The Olin Foundation has been committed to quality education since its inception and has provided excellent facilities at many of the nation's most prestigious institutions. Thus, receiving this grant from Olin is tantamount to receiving the 'Good Housekeeping Seal of Approval' for quality higher education."

"The receipt of this generous grant will allow Rose-Hulman to move forward in its 'Blueprint for Excellence,' which is a development program directed at providing facilities commensurate with the quality of our student body, faculty, academic program and general operation."

The Olin Foundation is a private foundation established in New York in 1938 by the late chemical manufacturer, Franklin W. Olin, who funded the foundation from his personal wealth. The foundation limits its grants to independent college and universities primarily for the construction of entire buildings. Since its inception, Olin Foundation grants for this purpose exceed \$95 million.

The Olin Foundation is not affiliated with any other corporation or organization and no member of the founder's family is involved in its management. The directors of the foundation are Carlton T. Helming, William B. Horn and

Robert D. Moss, all of Minneapolis, Minn., and Lawrence W. Milas of New York City.

The foundation has funded the construction of 40 buildings at 27 colleges and universities in 20 states. Rose-Hulman becomes the first Indiana college or university to acquire a building funded by Olin Foundation.

Dr. Hulbert said the announcement of the Olin Foundation grant signals the institute's formal embarkment on a \$19 million campaign designed to provide the new classroom/laboratory building, an administrative-reception center and the renovation of Moench

Hall, a 130,000 square-foot structure which from its construction in 1922 until 1969 housed all academic and administrative facilities of the institute. The campaign also will provide annual student financial aid, academic departmental support and equipment, and additional endowment.

The building to be funded by the Olin Foundation is the key to Rose-Hulman's campus master plan developed three years ago. Completion of the new classroom/laboratory building will allow a major renovation of the 59-year-old Moench Hall and subsequent provision of up-to-date facilities for the areas of

humanities and social sciences, electrical engineering, mechanical engineering, physics and chemistry once the disciplines of chemical and civil engineering have moved from Moench Hall to the new building.

According to the detailed master plan, renovation of Moench Hall will be accomplished in six phases through a leapfrogging process of vacated space to renovated space in an effort to minimize any disturbance of ongoing academic programs. Alterations to Moench Hall include a carefully-planned reallocation of space, removal of combustible partitions, improvement of fire

separators, installation of a sprinkler system, roofing and insulating of the second-floor skylight which extends the length of the center section of the building, and climate controlling of the entire building.

Thomas L. Reese '58, president of Universal Tank & Iron Works of Indianapolis, has agreed to serve as general chairman of the "Blueprint for Excellence" campaign. A member of Rose-Hulman's Board of Managers since 1977, he has been active in alumni affairs since graduation.

He and four other alumni — John G. Appel '41, who achieved

(continued on page 4)

## Freshmen profile impressive

by Don Dodson  
Managing Editor

Despite all the characteristics normally attributed to freshmen, there is probably no such thing as a typical freshman. Freshmen at Rose-Hulman, however, are generally considered to be motivated, academically talented, and involved in extracurricular activities.

Statistics about the Class of 1985, released by the Admissions Office, indicate that this year's newcomers to the Institute are no different.

Many of the freshmen participated in high school activities, and several took leadership roles in those activities. Of the approximately 375 freshmen, 70 took part in student government and 35 of them were either class officers or student council officers. Thirty-two freshmen gained leadership experience from Boys' State.

Thirty-five were members of publications staffs; seven of those were editors. Drama and debate also seemed to take much of the freshmen's time. Thirty-three took some part in dramatic productions, while 20 were members of debate teams. In several cases, the two activities went hand in hand: 16 participated in both drama and debate.

The 1981 crop of freshmen also seems to have a great deal of musical talent — at least they enjoy music. Sixty-six play a musical instrument, 14 have sung in choral groups, and eight

have taken part in both.

Freshmen were also involved in athletics, with 195 (more than half of the class) participating in varsity sports.

All these outside interests did not seem to detract from the academic achievements of the freshmen. Twenty-one percent of the new class ranked in the top three positions of their graduating class. Ranking first were 38 students; second, 23; and third, 16.

The "middle man" of the incoming freshmen ranked in the 94.6 percentile of his high school class, and over 99 percent of the freshmen ranked in the top 40 percent of their classes.

Median Scholastic Aptitude Test scores were 660 (math) and 540 (verbal), hefty figures in comparison to freshmen scores at other Indiana colleges.

Though National Merit Scholarship announcements have not yet been made, it is estimated the freshman class at Rose will include 36 Merit Scholars — one in ten in the class. Six of the freshmen have won four-year Army ROTC Scholarships, and seven others are scholarship alternates.

The new freshman class also represents probably the widest geographic distribution of any incoming freshman class. More out-of-state students will be attending Rose than any previous freshman class. Of the 373 freshmen, 218 are Hoosiers, 155 are out-of-state students.

Those out-of-state students come from 32 states and three



Among the first freshmen to arrive on campus were Muke Solanki of Passaic, NJ, and T.J. Kackowski of Thomastown, Conn. The two flew into Terre Haute Saturday. Don Dodson photo.

foreign countries. The regional breakdown follows: 318 hail from the Midwest; 20 come from the East; 14 arrived from the West; 10 are Southerners; and eight hail from the Southwest.

Of the 218 Hoosiers in the class, 54 come from Indianapolis and 39 come from the Terre Haute area. Other regions of the state with heavy representation in the Class of 1985 are Northwest Indiana, South Bend, Fort Wayne, and Muncie/Anderson. Other metropolitan areas which sent several students include Cincinnati/Dayton, Chicago, Cleveland, and Louisville/New

Albany.

One traditional characteristic about Rose's freshman class will again be true this year. The majority of the freshmen — 55 percent — are first generation college students. Twenty-eight percent have one parent who graduated from college, while 17 percent have two parents who are college graduates.

Statistics can only tell so much about a group and they tell very little about the individuals. Moreover, they reveal what has already been accomplished, not what is yet to be done. That will be left for the freshmen to prove during their years at Rose.



# EDITORIAL

## Support your school

by John McHugh  
Editor

The long summer has ended. Everyone is returning to school from either a good job, a bad job, or no job at all. Now is the time to look ahead at your work load and brace yourself for the year to come. At the same time, I feel that this is a good time to ask yourself what you want from Rose-Hulman.

Everyone at Rose comes from a different background, a different home, and a different way of life, but we all have one thing in common. We are all at Rose-Hulman to prepare ourselves for the rest of our lives. This is true of freshmen and seniors alike. A myriad of students come to Rose from all over the country to struggle through and hopefully better themselves. The only difference between one Rose-Hulman student and the next is the methods used while they are at this school and the ways we try to better ourselves.

Rose-Hulman offers a very diversified environment for growth but it does not come looking for you. At Rose you can get a great engineering education, and you can also get much more in addition to that. This school offers student programming, fine arts, music, varsity and intramural sports, service and social fraternities, and much more. Rose has clubs that range from astronomy to weight lifting to broadcasting to model railroading. This does not even include all of the technical societies at Rose. But despite all of the opportunities for involvement and all of the diversity, many people never participate in any activities.

Freshmen and upperclassmen alike should realize that Rose-Hulman is not just a place where you can get a degree in engineering and then go on to a job that pays big bucks. But instead it is a place to enter adulthood. Rose offers you a chance to become a well-rounded person with a multitude of interests and with an intelligent and open mind. It gives you the chance to better yourself in a somewhat relaxed atmosphere and enjoy doing it. The people that come to Rose and do nothing but study will pay for it for the rest of their lives.

The summer has ended and a new school year is starting, and for upperclassmen and especially for freshmen this can be a new beginning. Everything that you were last year at Rose or at high school is behind you. We all have a chance to start anew and make something of ourselves that we were not last year.

In my years at Rose I have found that everything I have put into this school has been returned several times over. This return has been in the form of intangible rewards and most importantly personal growth. Many people say that the students make the school, I believe that is true but I also believe that the school makes the students. This symbiotic relationship will continue to run strongly as long as the students care enough to make it happen and devote themselves to the school for the several years that they attend Rose.

So, in the end, it is your decision whether you want to graduate from a school that you were not a part of and from which you got nothing more than a degree. Get involved and graduate from a school of which you were an integral part, a school where you became a mature adult and not one where you just happened to turn twenty-one while you were attending. The choice is yours. If you are already active, challenge yourself, and if you are not involved, try it. All you can lose is your ignorance and your boredom.

## FRANKLY SPEAKING ...by phil frank



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## Thorn staff welcomes any student contributions

The editorial staff of The Thorn welcomes freshmen and returning upperclassmen to campus and hopes that the upcoming year will be your most successful ever. In keeping with tradition, The Thorn announces its policies for the upcoming school year.

**PARTICIPATION:** The Thorn is the school's newspaper. It covers events within the school itself and the surrounding community. Therefore, input from anyone in the Rose community (and not just the regular staffers) is welcomed and encouraged. Staff membership is open to any Rose student. The Thorn is on the lookout for photographers, reporters, typists, columnists or anyone who would like to help out (no more editors, please). Journalism experience is not required.

**ARTICLES:** The Thorn welcomes articles from outside sources. Any article submitted should be neatly written preferably typed double spaced. It should be in The Thorn Office no later than Sunday evening (preferably before Sunday to ensure publication) to be in the following Friday's issue. All articles are subject to editing to conform with the standards of grammar, style, and length.

**LETTERS:** The Thorn also welcomes letters to the Editor for publication. All letters must be signed: the author's name can be withheld and kept in confidence upon request. Policy for letters is the same as that outlined above for articles.

**PUBLICITY:** Campus and off-campus organizations are welcome to use The Thorn as a means of publicizing their activities or special events. Organizations are urged to submit articles notifying the Rose community of upcoming events, or recaps of past events which are/were of importance to the student body. If you are unsure that The Thorn is aware of your upcoming event, dropping off a note will guarantee that it will not be overlooked.

**TIPS — Hot and otherwise:** The staff cannot keep track of everything that is happening at Rose. The staff would appreciate being informed of any newsworthy event that may have escaped its notice so that a reporter can be assigned to cover it.

**PUBLICATION SCHEDULE:** The Thorn plans to publish weekly on every Friday that classes are in session, except each tenth week. However, it reserves the right to change this schedule at any time.

**ADVERTISING:** Local advertising rates are currently \$2 per column inch per week, \$70 per half page per week, \$125 per full page per week (discounts are available for long-term advertising). There are no size requirements. The Thorn can use graphic, written or photographic material and our staff can do the layout, if you wish.

**ADDRESS:** The Thorn may be contacted at Campus box 891. The office is located inside the Student Lounge, and the telephone extension is 255.

## On the album front

by A.J. Fossett



ELO's new album on Jet, "Time," is their first effort since their soundtrack for the movie "Xanadu." Where "Xanadu" and "Discovery," their last studio album, were little better than watered-down, commercial poprock, "Time" is far more assertive and is their best album since 1976's "A New World Record."

The very first song is "Prologue," in which a

synthesized voice informs the listener of the concept of the album: life, love, and rock 'n' roll in the 21st century; pretty spacey. This leads into "Twilight," the best song on the album. More synthesis, good melody and a strong rhythm line, long an ELO trademark. Part of the quality of this album is that ELO can rely on its musical "Signatures," opulent string and chorus arrangements, a strong rhythm, and not sound old or

tired doing it.

Another strength of "Time" is its strong lyrics, best epitomized by "Yours Truly-2095." ELO's lyrics have usually played a poor sister to its melodies, but this time the melodies are very strong; "Yours Truly" is about a guy in love with a computer. Sample line: "I kiss her interface."

Song after song, the concept holds fast; there isn't a weak song on the album. "Time" reasserts the fact that ELO is a real heavyduty band, for that alone listeners should be grateful.

## The THORN

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# Loan program modified

by Kevin Bowen  
News Editor

Several regulations have been added to the Guaranteed Student Loan Program under the Reagan administration. The majority of these were signed into law on July 31, after the Senate and the House of Representatives compromised numerous differences on provisions pertinent to educational aid in the Omnibus Budget Reconciliation Act of 1981. Some provisions are already in effect, but those most important become effective October 1.

Effective October 1, 1981, eligibility for federal interest benefits will require the application of a needs test for adjusted gross incomes (federal tax return) above \$30,000. Provisions of this 'needs test' limit loan eligibility in the following areas:

- 1) \$1 to \$499 of "need" can borrow up to what is needed.
- 2) \$500 to \$999 of "need" can borrow up to a maximum of \$1,000.
- 3) \$1,001 or more of "need" can borrow up to what is needed

to a maximum of \$2,500 for undergraduates, and \$5,000 for graduate students.

Incomes below that amount (\$30,000) carry automatic interest benefit qualification for attendance at eligible schools. The trigger to determine whether a need analysis is re-

quired rests on the date of certification entered by the school in the school section of the loan application. If the date is October 1 or later, eligibility for interest benefits must be verified.

Other notable changes in the Guaranteed Student Loan Program include the following:

Veterans and Social Security benefits will be counted completely as Financial Aid resources.

The distinction between dependent and independent borrowing limits are eliminated. Independent students, however, can borrow a "parent loan" for a combined GSL and Parent Loan of \$2,500 per year.

The minimum monthly payment is increased from \$30 to \$50, for an annual minimum payment of \$600 compared to the previous \$360 minimum.

All these changes, effective October 1, will apply only to Guaranteed Student Loans which are filed after that date. Loans processed prior to October 1 will still be subject to standards of the previous regulations.



## Fine Arts Series released

Rose-Hulman Institute of Technology will offer a fine arts series which includes vocal and instrumental recitals, the art of puppetry, ballet, American folk music and ethnic music during the 1981-82 academic year, according to Dr. Benjamin Benjaminov, professor of chemistry and chairman of the school's Commission on the Visual and Performing Arts.

Benjaminov, who has been active in the work of the Terre Haute Symphony Association and has served as its president eight years, describes the upcoming series as the broadest Rose-Hulman has offered to date. "There is something for everyone," states Benjaminov.

A special feature in 1981-82 will be the billing of "Engineers in Concert," an evening in which Rose-Hulman students and faculty will perform in concert. The response to a student-organized concert last year led the Commission on the Visual and Performing Arts to promote the concert in the community as part of the fine arts series.

Programs in the series are scheduled each month through April and include:

**Tuesday, Oct. 20** — THE ART OF BELLY CANTO with Gordon Myers, formerly baritone soloist with Pro Musica of New York. A vocal recital comprising operatic and Broadway musical melodies.

**Thursday, Nov. 5** — PIANO RECITAL by Tamara Karetkina Orlovsky, formerly with the Leningrad Conservatory. She will perform the music of Haydn, Liszt, Rachmaninoff, Ravel and Mozart.

**Saturday, Dec. 12** — THE

HOBBIT: The art of puppetry with over 30 lifesize puppets, hand-painted sets and original "baroque" music. The Hutsah Puppets Theatre of Chicago.

**Wednesday, Jan. 20** — THE INDIANAPOLIS BALLET THEATRE, a return performance by popular demand. A variety ballet program.

**Sunday, Jan. 31** — ENGINEERS IN CONCERT: Members of the Rose-Hulman student body and faculty will perform a wide variety of musical and vocal styles.

**Saturday, Feb. 13** — EASY STREET STRING BAND: A concert depicting the development of American folk music and dance. The company is based in nearby Bloomington.

**Thursday, March 25** — PIANO TRIO RECITAL featuring

Eleanor Bricetti, violin; Anne Reynolds, flute; and Karol Sue Reddington, piano.

**Wednesday, April 14** — THE AMERICAN BALALAIKA COMPANY: Features four American entertainers (gypsies at heart) who enjoy bringing authentic international songs, dances and instruments to audiences.

The club will present "Twelve Angry Men" November 12, 13, 14, and "Guys and Dolls" the weekends of April 23-25 and April 30-May 1, 1982.

The Mid-States Art Exhibition will be on the local campus Feb. 28 - March 21, 1982.

Tickets for Rose-Hulman's fine arts offers are made available to the public one day in advance of each performance on a first come-first serve basis at a cost of \$2 per ticket.

## Math contest offered

This year Pi Mu Epsilon will be sponsoring two (that's right) TWO MATH CONTESTS each quarter. The first contest called "The Calculus Collection" is open to Freshmen only. The second contest called "The Rose Olympiad" is open to all Sophomores, Juniors, and Seniors. The problems for "The Calculus Collection" will require a knowledge of Calculus. This means almost all Rose Freshmen, 50% of Rose Seniors, 25% of the faculty, 1% of the administration, and .05% of the Nobel Prize winners will be able to do the problems. "The Rose Olympiad" problems will be workable (we hope).

The rules for both contest are:

1. A new set of problems will

be posted on the Mathematics bulletin board in Crapo Hall at 12:00 noon on Friday every three weeks and will also appear in that afternoon's Thorn.

2. Solutions (partial solutions are encouraged) must be turned into Dr. Graves (G 209) or Dr. Lautzenheiser (G 205) within three weeks of the time the problems are posted. If you can't find Dr. Lautzenheiser (try the tennis courts) or Dr. Graves (if you don't know where to find Graves you haven't read enough Edgar Allen Poe or seen enough Alfred Hitchcock movies) give your solutions to Mary Lou McCullough (the Mathematics secretary).

3. All Freshmen may compete for prizes in "The Calculus Collection" contest. All other students may compete for prizes in "The Rose Olympiad" contest. Faculty members are encouraged to submit solutions, but are not eligible to receive prizes.

4. All solutions must be handed in on one or more 8 1/2 x 11 sheet(s) of paper (use both sides).

5. Prizes (it's about time we talked about the money) will be awarded according to the number of problems solved. In case of ties (bow ties are not acceptable), the winners will be determined by the dates the solutions are submitted, exposition and eloquence of the solution. For each contest the prizes will be:

1st Place: \$15.00 + a certificate.

2nd Place: \$10.00 + a certificate.

3rd Place: \$5.00 + a certificate.

The contests will begin next Friday, Sept. 18, 1981.

## Opportunities knock

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## German exchange program

The Deutscher Akademischer Austauschdienst/German Academic Exchange Service - (DAAD) offers grants for the following summer programs in the Federal Republic of Germany in 1982:

- **Hochschulferienkurse** 3-week summer course at a German university of the applicant's choice in the field of German studies and/or German Language.

**Eligibility:** At least 3 years of college level German by October 1981. Good reading and speaking knowledge of German. Applicants must be enrolled at US universities. **Age:** 19-32. **Stipend:** Course fees and partial living expenses, travel subsidy. **Deadline:** January 29, 1982. Application forms available from DAAD, New York Office after November 2, 1981.

- **Summer Language Courses at Goethe Institutes:** Two month language course in Germany during summer 1982. **Eligibility:** Applicants

must be juniors, seniors or graduate students enrolled at a US university and must have completed one year of college level German by October 1981. German majors are not eligible. **Age:** 19-32. **Stipend:** Tuition and fees, room and partial board. **Deadline:** January 29, 1982. Application forms available from DAAD, New York Office after November 2, 1982. Ref. No.: 7.321.

- **Deutschlandkundlicher Sommerkurs:** The 6-week German Studies program (in German) offered by a German university (July/August) will include lectures and seminars on history and culture. Eligible are students with at least junior status at the time of application in any field with a good working knowledge of German. Application forms and detailed program announcement available after November 2, 1982. **Deadline:** February 15, 1982. Ref. No.: DK 82.

## Loan repayment program

Students returning to classes this fall will discover a new way to finance their college educations. The Army National Guard announces that its Student Loan Repayment Program is now available to college students.

This new program, which may be coupled with either the Educational Assistance Program or the Enlistment Bonus Program, makes an attractive reason for a student to join the National Guard while completing his or her college education. College students are advised to consider these programs before September 30, 1981 due to changes that could occur.

The Student Loan Repayment Program will pay off a student loan at the rate of 15 percent of the balance or \$500, whichever is greater, plus interest, for each year of satisfactory service in the Guard. Loans that qualify for this program are the Guaranteed Student Loan and the National Direct Student Loan. The loan must have been made after October 1, 1975. A student must be a high school graduate. While in college, he or she can enlist in their local Army National Guard unit for either three or

six years. Local recruiters can provide students with up-to-date information on available openings and skill specialty areas that qualify for this program.

Students who are approved for the Guard's Student Loan Repayment Program can also apply for one of the following programs while in college.

In the Educational Assistance Program, a college student can claim up to \$1,000 per year to cover educational expenses during four years of college while studying for his or her undergraduate degree. After the student completes military training, the first payment will be made to cover expenses such as tuition, books and lab fees. The maximum payment is \$1,000 per year and a total of \$4,000. A student must enlist for six years in a qualifying specialty area.

Anyone, students included, can apply for the Enlistment Bonus Program. The National Guard will pay a total of \$1,500 over a period of four years. To qualify, one must be a high school graduate, have no record of previous military service and enlist for six years.

## Youth grants in Humanities

The Youthgrants Program of the National Endowment for the Humanities is alive and well and will once again offer a limited number of awards to young people in their teens and twenties to pursue non-credit, out-of-the-classroom research projects in the humanities. The deadline for receipt of completed application forms is November 16, and funded projects begin the following May.

Some examples of college-level projects funded in this highly competitive program are: an annotated exhibition of 20th century war-time "home-front" activities in Minnesota and Wisconsin; a complete historical survey, presentation, and guidebook on a tradition-steeped small Florida coastal island; a collection and study of migrant worker border ballads in South Texas; and a film on a small Oregon town's innovative survival method — backyard goldmining — dur-

ing the Great Depression.

Up to 75 grants will be awarded, offering as much as \$2,500 for individuals, and a few group grants up to \$10,000 (\$15,000 for exceptional media projects). Youthgrants are intended primarily for those between 18 and 25 who have not yet completed academic or professional training but can demonstrate the ability to design and perform outstanding humanities research and translate that into an end product to share with others. The humanities include such subjects as history, comparative religion, ethnic studies, folklore, anthropology, linguistics, the history of art, and philosophy.

If you are interested in the program, a copy of the guidelines should be available for review at your campus Placement Office. If not, please write immediately to: Youthgrants Guidelines, Mail Stop 103-C, National Endowment for the Humanities, Washington, D.C. 20506.

## Political internship available

Employer: "I'm sorry but we can't give you a job without experience."

Applicant: "But how can I get experience without a job?"

There is a way to avoid this familiar scenario. The Indiana House of Representatives Republican Intern Program is now accepting applications from college seniors, graduates or graduate students for the 1982 session. Past interns receiving this "on-the-job" experience have gone on to jobs as newspaper and radio reporters, lobbyists, political consultants, business managers and lawyers.

The internship provides students interested in state government and the legislature the opportunity to observe and participate in the General Assembly. Interns work with the

permanent staff to assist legislators in areas such as media, bill status, constituent casework and issue research.

While a stipend is provided to help with living expenses, many interns are also able to obtain academic credit for their participation. The 1982 session should run from January through February.

Applications should be available through the political science or communication departments at your school or inquiries may be directed to Mary Kinney, Director, Republican Intern Program, Indiana House of Representatives, Room 401-2, Indianapolis, Indiana 46204.

Applications will be accepted through September and interviews will be held at the State House in October.



# "Blueprint for Excellence" — the master plan for Improvement

by Don Dodson  
Managing Editor

The classroom/laboratory building which will be constructed with the grant received from the Olin Foundation is only one step in the expansion of facilities envisioned in Rose-Hulman's "Blueprint for Excellence."

"The Blueprint for Excellence" was developed by a commission appointed by President Samuel Hulbert in the fall of 1976. Its assignment was to study the mission of the Institute and to determine the path to be followed by the Institute over the next decade.

In 1977 the Commission issued a report entitled, "To The Beat of a Different Drummer." The report recognized that the primary mission of Rose-Hulman has been "to prepare young men for service to society through direct and immediate employment by industry or government upon completion of the Bachelor of Science degree." In February 1978, the Board of Managers adopted the report as a guideline for the Institute to follow during the next ten years.

The Commission's report considered some of Rose-Hulman's strengths to be its educational philosophy, its fiscal policy and the campus setting. The report praised the people who make up Rose-Hulman: the students, the faculty, the staff, the alumni and the Board of Managers.

What limited the potential of the Institute, the study concluded, were limited facilities and equipment. The Commission cited a need for an additional classroom/laboratory building, a new auditorium, a chapel, a swimming pool, another dormitory, and improvements in roads, parking and power provision.

In January 1978, Rose-Hulman contracted for the services of the architectural firm, Vickrey/Ovresat/Aswumb Associates of Chicago. The firm prepared a "Master Plan" which outlined a proposal for the expansion and alteration of facilities.

Proposed improvements listed

in the Master Plan included the following:

**New Academic Facility** — its classroom and laboratory space would be primarily devoted to the chemical engineering and civil engineering programs as well as the life sciences. To be built west of Moench Hall, it would be connected to Moench via an administrative link which would contain several of the offices now housed in the Templeton Building.

**Alterations to Moench Hall** — the 59-year-old building would be completely remodeled with much attention directed toward accessibility and fire protection. The renovation, which would

take place in six stages, would allot the north section to Chemistry and Physics, the west section to Electrical Engineering, and the east section to Mechanical Engineering. The first section to be altered would be the southwest corner, adjacent to the new academic building.

**Performing Arts/Lecture Center** — situated between the west ends of the new academic building and the Logan Library, the performing arts center would form the fourth side of a "pedestrian-oriented quadrangle." The center could accommodate an audience of 1350: 850 on a main floor, 500 on a

balcony. Its architecture would be compatible with the other buildings on the quad.

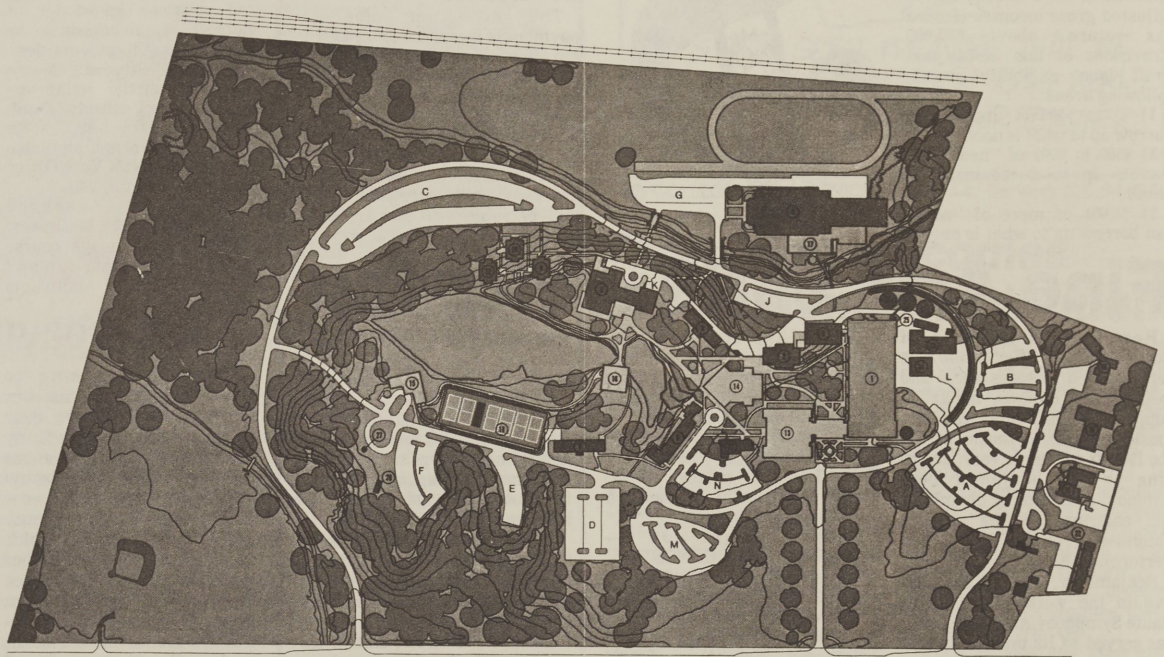
**Dormitory** — located west of Speed Hall, the new three-story residence hall could possibly be used as a senior dormitory during the school year and a continuing education and conference center for professional/business groups in the summer. The building would include 32 double rooms with private baths.

**Chapel** — wedged on the south bank between the two lakes, the building would provide space for personal meditation as well as group worship.

**Changes to Hulman Union** — A small storage and loading dock addition would enhance the capabilities of the Union. A new ramp would make the building accessible to the physically handicapped.

**Changes to Shook Fieldhouse** — a six-lane swimming pool, a sundeck, two handball courts, and added office space would occupy an addition on the south side of the fieldhouse.

**Road System and Parking** — traffic would be diverted from the center of campus to a loop road encircling all dormitories and academic buildings. The loop road would be connected to U.S. 40.



● MOENCH HALL  
● CRAPO HALL  
● LOGAN LIBRARY  
● SHOOK FIELD HOUSE  
● DEMING HALL  
● BSB HALL  
● SPEED HALL

● HULMAN UNION  
● MEES HALL  
● SCHARRENBURG HALL  
● BLUMBERG HALL  
● TEMPLETON  
● ACADEMIC BUILDING  
● PERFORMING ARTS

● DORMITORY  
● CHAPEL  
● POOL  
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● ALPHA TAU OMEGA  
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● OBSERVATORY



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## master plan

ROSE-HULMAN INSTITUTE OF TECHNOLOGY  
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## Rose gets Olin Grant...

(continued from page 1)

the rank of major general in the U.S. Army; James S. Skinner '33, chairman of Tesla Magnetic Holdings, Inc., Indianapolis; William T. Maddock '47, major projects and engineering manager for Marathon Oil Company, Findlay, Ohio, and Vern W. Fellows '62, vice president of B & A Electronics, Terre Haute — are working closely with Rose-Hulman's board and administration in planning the strategy for the public phase of the campaign.

Appel, who recently completed a term as alumni representative on the Board of Managers, will head the alumni solicitation, while Skinner, the senior member of the Board of Managers, will act as chairman for major gifts. Maddock, also a member of the board, will head the corporate/foundation sector, while Fellows is to head the campaign in the Terre Haute area. Another division with personnel yet to be named is the friends group.

"The alumni portion of the campaign, which will start immediately after homecoming, will be a phone solicitation by class," explained Ronald G. Reeves, vice president for development and external affairs. "We hope the three-year pledges to this campaign will be concluded by December 31 of this year."

"This campaign timing will provide cash for the remodeling of Moench Hall as soon as the new classroom/laboratory

building is completed in the summer of 1983. These monies also will provide continued annual scholarship support."

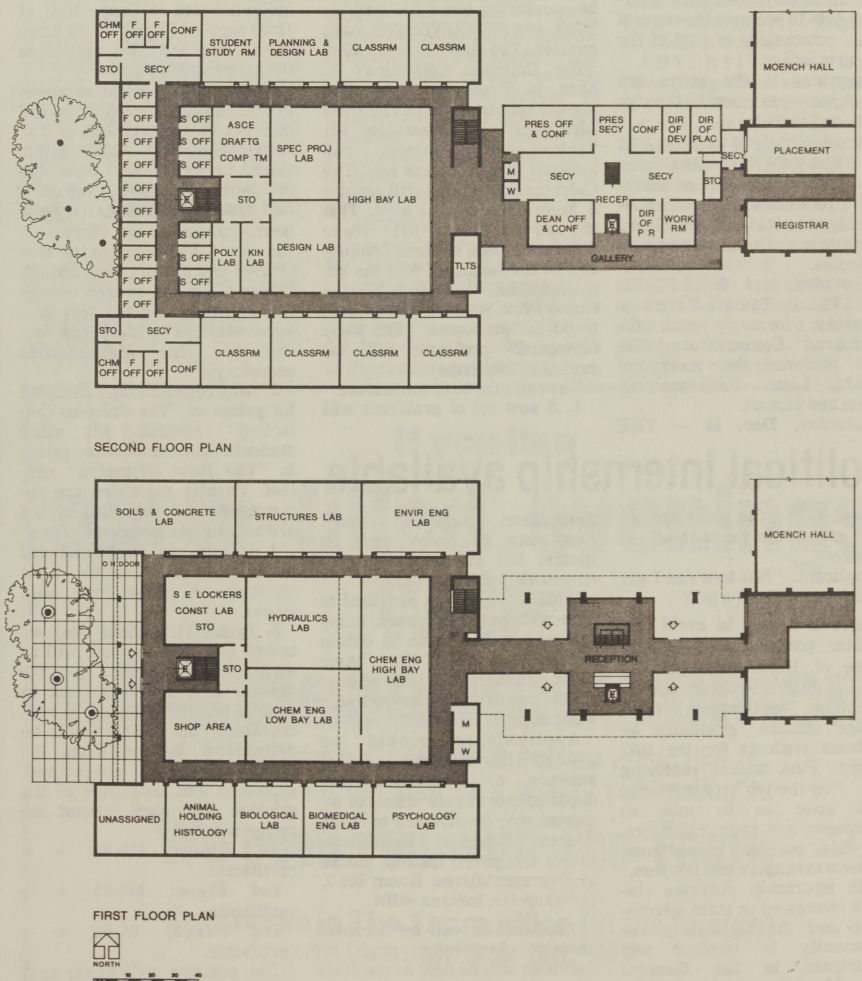
The new academic building made possible by the Olin Foundation grant will be a major addition to Rose-Hulman facilities in terms of classroom, laboratory and office space. The approximately 65,000 square feet of floor space contained in the two-story building will enhance capabilities for the chemical engineering and civil engineering programs as well as for life sciences classes.

The administrative portion of the building will unite the offices of the president and the dean of the faculty — now housed in the Templeton Building — with the offices of the vice president for student affairs, the associate dean of students, the director of financial aid and the director of resident living — all of which are now located on the Second Floor, Crapo Hall.

In close proximity will be the admissions office and the registrar's office, both of which will occupy the "A" wing of Moench Hall.

Revisions in building utilization have also been suggested by the academic divisions which will be based in the new addition.

Such revisions, however, will alter neither the basic structure of the building nor its external appearance.





# Campus improvements made



This addition being added to the Northeast corner of the fieldhouse parking lot will serve students and faculty using the fieldhouse facilities. This project should be completed in several weeks. Photo by Don Dodson.

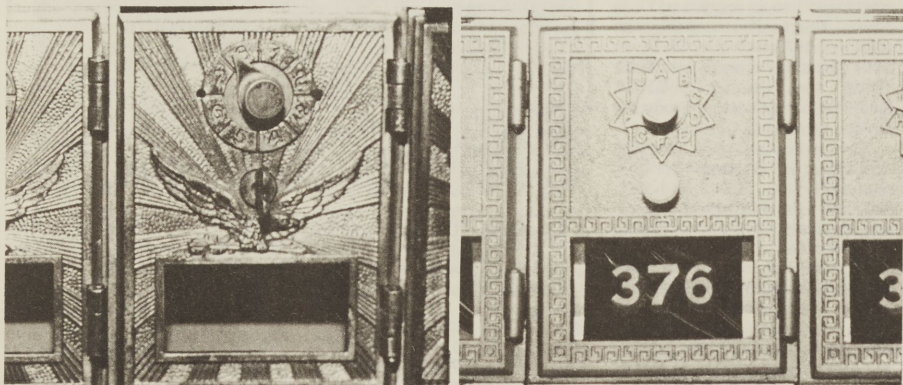
by Kevin Bowen  
News Editor

Since classes ended last May, the physical plant has made numerous improvements to the buildings and grounds of Rose Hulman campus. Renovations in addition to those pictured include such items as roof repair to the Shook Fieldhouse and to the Maintenance building. A new, chainlink fence was erected on the baseball field to replace the weathered picket fence of before.

Inside, the Math Department offices have taken on a whole new appearance. Primary renovations include utilization of the lobby space by construction of a new office and transforming the old conference room into office space.



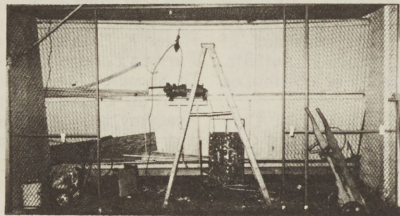
The Civil engineering department added a new lounge in the hallway by Dr. Logan's office. The lounge will be for use by Rose-Hulman Civil and Environmental Engineering students. Photo by Charles Parkins.



Another one of the projects completed this summer was the renovation of the mailboxes in the front hall. The project not only beautified the hall, but also added to the security of the mail. It is hoped that the effort made by the school will inspire the students to take pride in them and reduce vandalism. Photo by Charles Parkins.



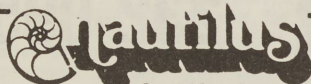
One of the projects completed over the summer was the resurfacing of the outdoor and indoor tracks. The outdoor track, presently in mint condition, now bears the CAC track and football titles. Photo by Don Dodson.



Several cages like the one shown above will be installed in the fieldhouse bays. These will be used to store athletic equipment when it is not in use. At present one of the bays is nearing completion. Photo by Charles Parkins.



Also added this summer was the new conference room shown above. The room was created by walling off the back half of the lounge across from the math offices on Crapo two. The lounge now is half its original size and still open to the general public. Photo by Charles Parkins.



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## THE NAUTILUS SYSTEM

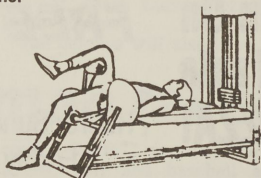
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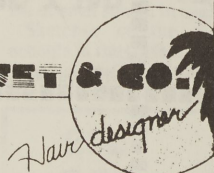


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The staff of The Thorn would like to request the staff, faculty, and students of Rose-Hulman to feel free to voice any criticism, suggestion, or compliments of the paper. We will endeavor to make this one of the best years for The Thorn and we will appreciate your help.

As editor of The Thorn, I would like to thank Kevin Bowen and Don Dodson for their work over the summer to make this edition possible.

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## Rose gains new personnel

Rose-Hulman Institute of Technology welcomed 12 new full time members of the faculty, two members of the administrative staff and three U.S. Army officers who will teach in the ROTC detachment as the faculty and staff of the 107-year-old college of engineering and science met in its initial meeting of the 1981-82 academic year Tuesday.

The introduction of the new personnel came minutes after Dr. Samuel F. Hulbert, president, announced publicly that Rose-Hulman has been awarded a grant from the Olin Foundation, Inc., of New York to construct a new classroom/laboratory building. Receipt of this gift signals the moving forward with a \$19 million fund-raising campaign.

Noting that most engineering colleges are beginning the year with upwards of 15 percent of their engineering teaching positions vacant, Dr. Hulbert said Rose-Hulman not only has all of its budgeted positions filled, but has attracted a number of teachers with national and international reputations in the face of the national engineering teacher shortage.

The new personnel are: William G. Ovens, Jr., associate professor of mechanical engineering. A native of Paterson, N.J., Ovens earned a B.S. in mechanical engineering from the University of Michigan in 1964 and the M.S. and Ph.D. degrees in mechanical metallurgy from the University of Connecticut in 1969 and 1971 respectively. He has been at Clarkson College of Technology since 1975, where he was responsible for developing a curriculum option in manufacturing/industrial engineering. Prof. Ovens also was a lecturer in mechanical engineering at Papua New Guinea University of Technology (1972-75) and has extensive experience as a consultant to industry.

Leland K. Shirely, professor of mechanical engineering. Prof. Shirely comes to Rose-Hulman following 11 years of service at Michigan Technological University, where he rose to associate dean of graduate studies and associate professor of engineering mechanics. He and his wife, the former Marjorie Tryon, are natives of nearby Marshall, Ill. He earned the B.S. and M.S. degrees in engineering science for Purdue University in 1959 and 1960 respectively and a Ph.D. in applied mathematics from Brown University in 1964. He formerly taught at the University of Illinois and the University of Chicago and has industrial experience with General Motors Corporation and Caterpillar Tractor Company.

Charles O. Smith, professor of mechanical engineering. Prof. Smith, who earlier this summer received the Fred Merryfield Design Award at the annual convention of the American Society for Engineering Education for career-long excellence in teaching design, comes to Rose-Hulman from the University of Nebraska. He received a B.S. in mechanical engineering from Worcester Polytechnic Institute in 1941. Following military service during World War II, he earned the master's and Doctor of Science degrees in mechanical engineering and metallurgy from the Massachusetts Institute of

Technology in 1947 and 1951 respectively.

Jeffrey E. Froyd, assistant professor of electrical engineering. A native of Princeton and high honors graduate of Rose-Hulman in mathematics in 1974, Froyd earned an M.S. in electrical engineering from the University of Minnesota in 1976 and stayed on to complete a Ph.D. at Minnesota (1979). He since has taught electrical engineering at the University of Minnesota. Froyd also has industrial experience with Sperry Univac, St. Paul, Minn.; Avondale Shipyards, Inc., New Orleans, La., and Applied Computing Devices, Inc., Terre Haute.

Cary Laxer, assistant professor of computer science and electrical engineering. A native of Brooklyn, N.Y., Laxer earned a B.S. in mathematics and computer science from New York University in 1972. He moved to Duke University where he earned a Ph.D. in biomedical engineering in 1980. While at Duke he was a research assistant professor of computer engineering and a part time lecturer in the Department of Computer Science.

Damon Disch, assistant professor of mathematics. Dr. Disch comes to Rose-Hulman from Northern Illinois University where he taught in the Department of Mathematical Sciences. A native of Pennsylvania, he was graduated first in his class at Baldwin-Wallace College with majors in mathematics and physics in 1972. Disch continued his education at Indiana University, earning an M.A. in pure mathematics in 1974, a second M.A. in statistics in 1976 and a Ph.D. in statistics in 1978. He has taught mathematics, statistics and regression analysis while at Indiana and Northern Illinois University.

G. Elton Graves, assistant professor of mathematics. Graves, who completed a Doctor of Arts degree in mathematics at Idaho State University in May, has taught mathematics and computer-related courses at the University of Minnesota, Mindanao State University in the Philippines, Weber State College, Washington State University and Idaho State University in the years since he began teaching in 1970. He earned a B.A. in mathematics at Willamette University in Oregon in 1969, an M.S. from the University of Minnesota in 1971 and also completed more than 60 hours in mathematics at the post-master's level while at Washington State. While in the Philippines, he assisted in a major curriculum revision and co-authored an introductory college textbook.

Robert H. Pervine, assistant professor of mathematics. A native of Lafayette, Pervine earned a B.S. in interdisciplinary engineering from Purdue University in 1973. He continued his education at Western Kentucky University, earning an M.S. in mathematics in 1975. Pervine completed a Ph.D. in mathematics last month at the University of Kentucky. Prof. Pervine has served as a teaching assistant at both Western Kentucky and the University of Kentucky and has done research for the U.S. Army Missile Command at Redstone Arsenal, Alabama.

Brian J. Winkel, associate professor of mathematics. Winkel, a native of New York City, comes to Rose-Hulman after nine years at Albion College in Michigan and a one-year visiting professorship at Michigan Technological University. He earned a B.S. in mathematics at Wagner College in New York in 1964 and also studies at Michigan State University and the State University of New York at Buffalo, earning an M.A. at the latter institution in 1967. His Ph.D. in analysis and probability was earned at Indiana University in 1976.

Maureen T. Krause, assistant professor of German. A native of Evanston, Ill., Dr. Krause was graduated with distinction from Northwestern University in 1969 with a B.A. in German. She continued her education at Ohio State University, earning an M.A. in 1970 and the Ph.D. in 1980. She also received a diploma from the Stanford EPDA Institute for Advanced Study for language study in Germany.

Having served as a teaching associate in German at Ohio State (1970-74, 1977-78 and 1979-80), she was a full-time instructor at Ohio State prior to joining Rose-Hulman. A former national speed skating champion, her interests range from balalaika to cross-country skiing.

John P. Maassen, assistant professor of physics. Maassen, a native of Arizona, earned a B.S. in physics and mathematics at the University of Arizona in 1972. He pursued his graduate studies at Case Western Reserve University, completing the Ph.D. in 1978. Having served as a laboratory assistant at the University of Arizona and as a teaching assistant-graduate fellow at Case Western, he comes to Rose-Hulman after three years as a professor of physics at West Virginia In-

## Staff changes made

Rose-Hulman Institute of Technology Tuesday announced two assignment changes and an appointment within its administrative staff, according to Raymond J. Miller, vice president for administration and finance.

Jan K. Porter has been promoted from director of financial systems and research accountant to controller.

Stephen R. Miller, a member of the business office staff since 1969, has been named manager of administrative services.

Glenn Stevenson, chief of police for the City of Brazil and a retired 27-year veteran of the Federal Bureau of Investigation, was appointed to the newly created position of director of security.

All three report directly to vice president Miller.

Porter joined Rose-Hulman in June, 1980 as director of financial systems and research accountant.

A Certified Public Accountant, Porter is a 1974 graduate of Indiana State University in accounting and had worked for the firm of Ernst & Whinney from 1974 to 1980, rising to tax senior accountant. She is a native of Lebanon, Indiana.

Stephen Miller, who previously had been associated with Rose-Hulman as a civil service administrator with the U.S. Army ROTC detachment headquartered on campus, has held the dual capacity of director of purchasing and controller.

Miller is a native of Evansville and has attended Indiana State University and a number of professional short courses on accounting and management.

Stevenson, a native of Cory and a 1949 graduate of Indiana Central University where he was an all-conference football player and member of the track and field team, spent two years in teaching and coaching at Attica before joining the FBI in 1951.

stitute of Technology. His area of specialization is nuclear physics.

Stephen M. Gregory, assistant professor of chemistry. A native of Washington, Gregory received a B.S. degree from Pacific Lutheran University in 1972. He did graduate work and taught at Michigan State University from 1972 through 1979 when he completed a Ph.D. in chemistry. Gregory has industrial experience with U.S. Oil and Refining Company and taught at Ferris State, in Michigan Carroll College in Wisconsin and Oberlin College in Ohio.

New members of the administrative staff are R. Glenn Stevenson, director of security, and Bruce P. Anshutz, associate director of information services.

Stevenson, a native of Cory and a graduate of Indiana Cen-

tral University (1949), is a retired 27-year veteran of the Federal Bureau of Investigation and more recently was chief of police for the City of Brazil.

Anshutz, a native of Terre Haute, was graduated from DePauw University with a B.A. in English composition in 1980. He was engaged in private business and as a freelance writer prior to joining Rose-Hulman earlier this summer.

Three U.S. Army officers were introduced as new members of the ROTC detachment. They are Capt. David E. Annin, a graduate of Bridgewater College who also holds an M.A. from the University of California; Maj. Roger F. Casale, a graduate of Parsons College; and Maj. John D. Spengler, who holds a B.S. from the United States Military Academy and M.S. and M.B.A. degrees from Tulane University.



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# Football team gears up

by Don Dodson  
Managing Editor

The Rose-Hulman football team has set its sights exclusively on Wabash. After two and a half weeks of practice, only one week remains until the Engineers open their season at Crawfordsville in a bout with the Little Giants.

joined by 44 freshmen, members of a class that Touchton thinks may have "more quality than any freshman class since this year's seniors."

**NO NEW GRAF.** But, because of the abundance of seniors, Rose probably won't play as many freshmen this year as in past years, the coach indi-

cope with some losses. Gone are graduates Scott Lindner and Tom Heckel, both all-conference players; safety Paul Gunn; and lineman Alan Fiscus. Fortunately several upperclassmen seem well-equipped to step into the spots left by Lindner and Fiscus. Those players include Ben Brian, Mike Donoghue, Tom Nash, Dan Swanson, David Hill, Dean Hill, and Nick Neargarder.

Candidates for defensive end include senior Doug Plumer, and sophomores Tony Lozier, Shayne Roberts and Ron Savoia.

Senior Ed Wheeler will return to fill one linebacker spot. Jeff Ball and David Delvecchio will be among those eligible to step into the companion position.

All-conference selection Gary Quick heads up the list of seekers for Gunn's position. Others who may find a spot on the defensive secondary include seniors Rex Phillips, Bob Stanley, Brad Kitchens and Dan Wolodkiewicz; and juniors Steve Ankney, David Barnes, Chris Bagarus and Jim Krieg.

Freshmen reported to practice Aug. 26, and upperclassmen showed up the following day. The Engineers usually ran through two practices a day until Sept. 4, when they scrimmaged with Butler. Since school started, the team has generally practiced once a day.



The Engineers scrimmage in preparation for their upcoming season. The first home game will be September 26, against the Hanover Panthers. The game promises to be a good battle and well worth seeing. Photo by Charles Parkins.

Wabash has earned a reputation for having a tough team on the gridiron. Over the past three years, Wabash Coach Stan Parrish has compiled a 24-2-1 win-loss-tie record, and the Little Giants are expecting to continue their winning ways this season. Nine offensive starters will return from last year, and the defense, minus six starters, is still expected to be solid.

Rose Coach Joe Touchton, in his fifth year as mentor for the Engineers, said of the team's opponents "At this point, the only one we are concerned about is Wabash." Touchton said the Little Giants have three of the best small-college football players in the country in quarterback David Boecker, running back Darryl Johnson and tight end Pete Metzelaars.

This season the Engineers will be trying to complete their eighth consecutive .500 or better year. If experience is any indication of how well a team plays, Touchton and company have a bright future ahead of them.

The roster will sport the names of 35 lettermen. Playing a key role on the squad will be the largest group of returning seniors in Engineer football history.

The upperclassmen have been

cated.

The Engineers boast experience in both offense and defense. The entire offensive line remains intact from last season, and four quarterbacks who spent time on the field last year will be jockeying for the starting position this year. Veteran quarterback, Curt Bilby, was a top choice for starting QB until he pulled a ligament in his left knee Sunday. Sophomore Mike Trench, who played extensively toward the end of last season, appears to be Bilby's "heir apparent." Steve Weddle and Tim Fisher, who also saw time for the Engineers last year, are also possible candidates for the job.

Expected to compose the offensive line are returnees Jud Alexander, Pat Freeland, Steve Bogaert, Ed Evers, Rob Kilhefner, Scott Welham, Gregg Lowe, and Bryan Nester. Greg Cauble, Kurt Jones and Tim Fisher are eyeing the right end position that Jim Novacek vacated upon graduation.

The one part of the offense with limited experience is the receiving unit. Hopeful receivers include junior Jeff Jackson and sophomores Mark Kaiser, Jim Cramer, Mark Luckiewicz and Mark Copeland.

The defense will also have to



John Whitaker, captain of the cross country team, runs in the "Sycamore Stomp" invitational cross country meet. This meet was sponsored by I.S.U. and held at the Phoenix Country Club. Photo by Don Dodson.

## Thorn Sports

### Cross Country opens season

The Rose-Hulman Cross Country team opened its season September 5, in the first "Sycamore Stomp." Looking forward to the rest of the 1981 season, head coach Jim Hargis said the Engineer runners are "shooting for the CAC title." Rose-Hulman, a member of the College Athletic Conference, finished second in the conference in 1980 and hopes to improve on that mark this season.

On the way to the second place CAC finish of last season six Rose-Hulman runners made school history. Posting times which placed them in the top 15 runners in the history of Rose-Hulman Cross Country, these runners are now in the record books. Of those six record breakers, only one, Ken Hilk, graduated, making Hargis optimistic about the 1981 season.

"This team has great maturity, we have hard workers with the ability to overperform," said Hargis.

Returning to face the tough schedule ahead, are veteran seniors, team captain John Whitaker (Terre Haute North), Jim Harris, and Dave Womble; juniors John Smith and national qualifier Mike O'Brien; sophomores Greg Gibson (Terre Haute North), Jim Sullivan

(Terre Haute North), Eric Calsgaard and Bruce Wade.

To add to this strong group of veterans, which includes last year's co-most valuable runners, Whitaker and O'Brien, Hargis also has what he says, "is a good nucleus in the freshman class."

Last Saturday the Engineers faced such teams as Indiana Central, Indiana State, Northwestern, St. Joseph's and South-west Michigan.



John Smith crosses the finish line at the "Sycamore Stomp." The only Rose-Hulman runner to finish in the top five was Mike O'Brien who finished fifth with a time of 26:18. Photo by Don Dodson.

## Rose-Hulman takes CAC title

by Don Dodson  
Managing Editor

One of the highlights of the typical collegiate athletic season is the portion reserved for conference competition. Winning the conference title is an accomplishment sweeter than any single victory.

The situation rings true at Rose-Hulman. Rose is one of six NCAA Division III schools which belong to the College Athletic Conference. In football and basketball, the conference crown is determined by the best conference record compiled during the regular season. The titles for

cross country, soccer, track, tennis, golf and baseball are decided during the Fall and Spring Sports Festivals held at the end of the season.

The ultimate conference conquest is the capture of the CAC All-Sports Award. Rose took the award home last year after garnering more points than any other school in the league. Points are awarded based upon the finish of each school in each sport.

Sketches of the other five schools in the CAC follow:

Principia College is a school of 850 students located in Elmhurst, Ill.

The Indians are reigning cross country champs; their colors are navy and gold.

Centre College, with 750 students, is situated about 60 miles southeast of Louisville in Danville, Ky. The Colonels, who claimed the football title last year have gold and white as their school colors.

The University of the South, commonly known as Sewanee, is a school of 1,000, located in Sewanee, Tenn., near the Georgia border. The Tigers kicked their way to a soccer crown last year. Their colors: purple and white.

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# Student activities preview

by Craig Warner  
Staff Reporter

The 1981-82 school year will be starting off with a wide variety of activities available to the students.

Tonight, the band **Foxfire Revue** will be performing at 7:00 p.m. for the annual Fall Outdoor Concert at St. Mary-of-the Woods College. Tomorrow night, the **Laura and Micah Mime Theater** will be presenting their unique form of mime at 7:00 p.m. in the Rose-Hulman Auditorium.

The following weeks offer a vast assortment of activities, beginning with the Student Activities Board's presentation of **Larry Daniel** on September 19 at 8:00 p.m. in the Hulman Union's Main Dining Room. Daniel, a 4th Degree Black Belt,

will give a demonstration of karate and martial arts skills.

The RHA's film series begins on September 20 with the ever-popular "Animal House," for a 75¢ admission charge.

September is Energy Month in Indiana, and Rose-Hulman will be doing its part during the week of September 20. **Energy Awareness Week** will include exhibits, lectures, and contests to help reduce energy waste on campus.

The SAB will kick off its **Coffeehouse series** on September 26 at 8:00 p.m. in the WORX. Comedy singer/songwriter **Dave Rudolf**, a favorite on the Coffeehouse circuit, will be the featured performer.

The first weekend in October marks the arrival of the SAB's **All-Night Science Fiction Movies**, including such favorites as "Colossus: The Forbin

Project" and "Soylent Green."

Probably one of the biggest events on campus will be the **SAB's Annual Homecoming Concert** on October 17. The **Ozark Mountain Daredevils**, the sharp-sounding Heart of America group, will be performing at 9:00 p.m. in the Shook Memorial Fieldhouse. Tickets will be \$7.00 for reserved seats, and \$6.00 for general admission.

The return of the **Fine Arts Series**, along with an assortment of leadership development workshops, helps to round out the variety of activities available at the beginning of the year.

Be sure to watch **The Thorn** for further information on these events, most of which are presented free of charge to the students, and become involved in student activities.



## Unique mimes perform

by Craig Warner  
Staff Reporter

A unique form of mime is coming to the Rose-Hulman campus this weekend.

Tomorrow night, the **Laura and Micah Mime Theater** will be performing at 7:00 p.m. in the Auditorium.

Laura and Micah Bertin, also known as **Mimemobile**, have been performing at numerous colleges across the country for the past several years. Their special brand of mime is based upon three concepts. **First**, they take inspiration from everyday experiences, such as a young girl "At the Dentist's." **Second**, they allow the audience's imagination to take over, as in the unusual "Breakfast," where the food seems to come to life. **Finally**, they are acclaimed for their unique improvisational skills,

acting out the audience's suggestions with such ability that their spontaneity often seems rehearsed.

**Mimemobile** has been making increasing usage of sound effects, while at the same time still realizing the power of non-verbal communication. Having received training in mime, dance, theater, music, and art from such places as the Philadelphia-based Group Motion, the mimes are capable of blending their talents into a truly imaginative show. Combining these skills with the ability to maintain an excellent rapport with the audience allows the Laura and Micah Mime Theater to present an originally entertaining mime performance.

This first performance of the 1981-82 school year is sponsored by the **Student Activities Board**.

## Page 9

## Self-guided tour gets lost in self

by Taka Walker

Like every past fall, the incoming freshmen and returning upperclassmen are barraged with a multitude of flyers, leaflets, notes and diagrams. One of these is inevitably a campus map. Unfortunately, very little is told about the buildings and their contents, possibly leading to some confusion. As a service to the Rose-Hulman community and also to get in the first crack, Page 9 will provide a do-it-yourself campus tour.

Starting at the west end of campus, we find Mess, Schrapnberg and Plumberg Halls. Highlights of these halls include doors designed by the Council for Giraffe Studies, and staircases designed by Ima Shrew, the inventor of the Habitrail.

Moving eastward, the Union building, home of A.R.A.T. food services, comes into view. From the back we see the loading docks for garbage deliveries and food pick-ups. Downstairs in the Union is The Worst, a semi-fast, semi-food cafeteria frequented mostly by roaches. Across the lake and far to the west is the observatory. The powerful 38-24-32 inch telescope has a specially equipped mount which returns it automatically to 3 degrees, 11' from west and 1 degree, 6" from the horizon — namely the

location of Burferd and Pickrel, the 9 story women's residence dorms at I.S.U. Needless to say, the astronomy club's enrollment has steadily increased (except for Chem. E. majors).

**East of the observ-a-but-ory** we find Speed Hall, and its adjacent parking lot, which doubles as a used car stereo emporium (no serial numbers, please). Speed Hall, named after the drug bust last year, houses freshmen and also Tommy Mildew, the Special Assistant for Personnel (or SAP for short).

Next to Speed Hall is Bare-Stone and Brick Hall, which houses freshmen, upperclassmen, and a variety of tiny wildlife.

To the north is Deming Dorm, famous because it was carved from a solid block of granite. Deming has consistently won the hall painting contest, although there is a rumor that several paintings in the basement were not actually done by Rose students but instead were painted by migrating Neanderthals during the Dawn of Man.

Down the hill from the Deming lies the Well Shook Fieldhouse, with attached Osborn Black Recreational Center. Inside are facilities for basketball, racquetball, weightlifting and various water sports (but only after it rains).

South and up the hill from the fieldhouse is Logan's Lost Library, which has been rearranged because far too many students were figuring out how to use the maze-like set up inside. Next is the Windowless Wonder, Crap-o-Hall. In the lowest level is the computing center, now containing the new VEX computer system, designed to "obfuscate and enlighten," according to Dr. Abe Lincoln, the center director.

Above the center is the office of Dr. Jess Locust, the Dean of Stupid Affairs. Next door is the Frugal Aid Department, with its director, Paul Sewer.

Connected to Crap-o is Munch Hall, the largest classroom facility on campus. This building houses Chemistry, Chem E, EE, ME labs and also the Civil's Toyland. Much paper shuffling takes place in the front of Munch, as well as in Tumble-down, the administrative building across the main drive. Hidden away in Tumble-down is the Office of the President, Registrar, but most important of all, the Placement Office.

Far on the horizon, to the east, lies the Fort Apache Apartments, as well as three on campus fraternities. Several scouts have been sent over to investigate and obtain information about this area, but as yet none have returned.

Page 9 realizes its obligation to provide students with news-worthy information or even chess club articles, and it also realizes that it cannot possibly be aware of all that goes on. If you have a special event that you would like Page 9 to cover, write us at this address: Locker No. 68, Fieldhouse Locker Room, Terre Haute, Ind. Please enclose a check.

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